

Portland State University

PDXScholar

Portland State Magazine

University Archives: Campus Publications &
Productions

Fall 9-1-1988

Portland State Magazine

Portland State University. Office of University Communications

Follow this and additional works at: https://pdxscholar.library.pdx.edu/psu_magazine

Let us know how access to this document benefits you.

Recommended Citation

Portland State University. Office of University Communications, "Portland State Magazine" (1988).

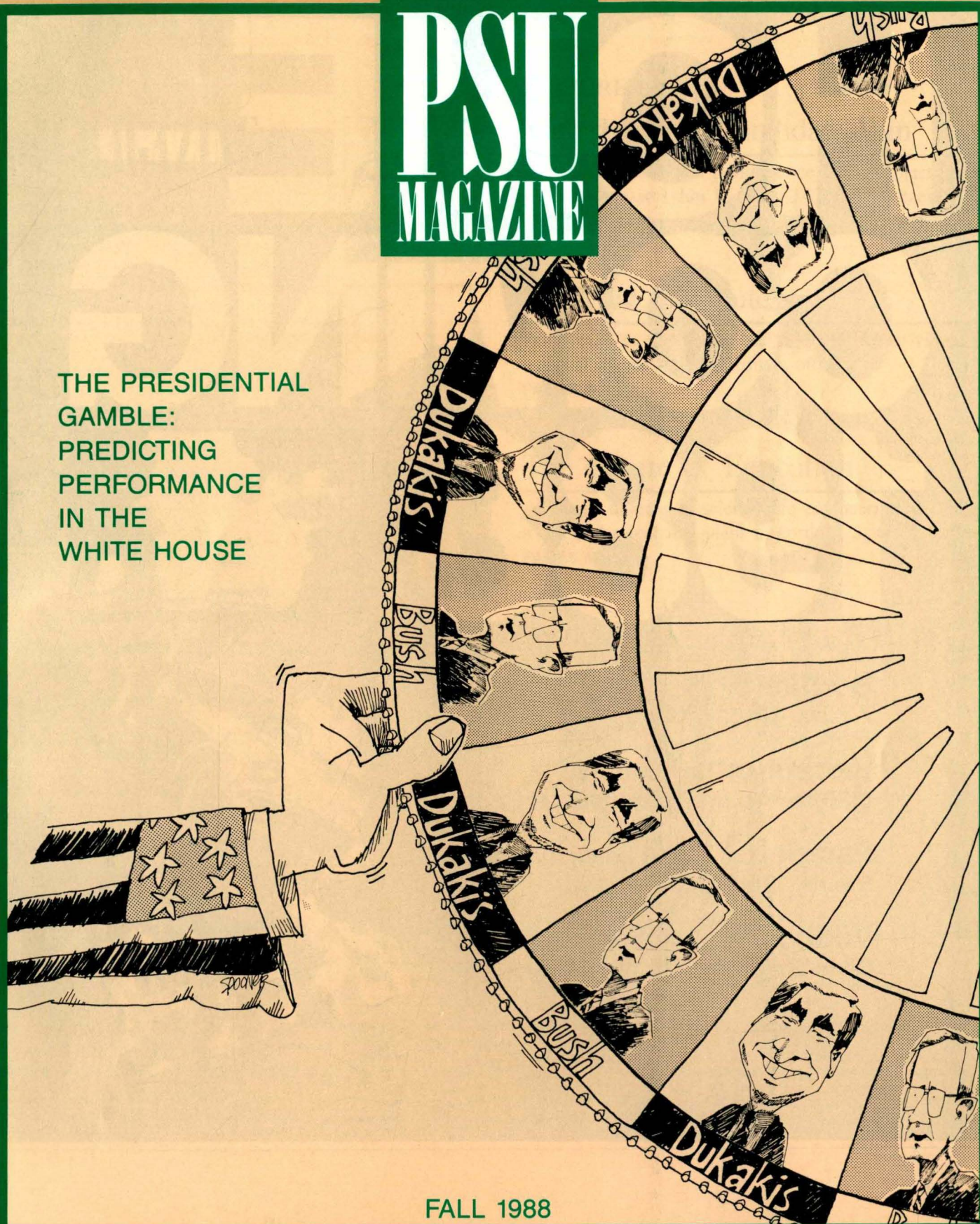
Portland State Magazine. 36.

https://pdxscholar.library.pdx.edu/psu_magazine/36

This Book is brought to you for free and open access. It has been accepted for inclusion in Portland State Magazine by an authorized administrator of PDXScholar. For more information, please contact pdxscholar@pdx.edu.

PSU MAGAZINE

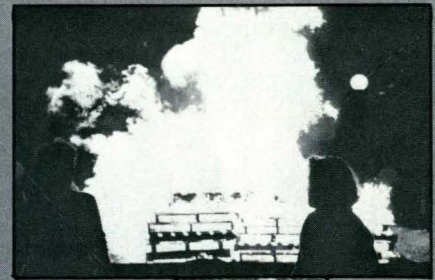
THE PRESIDENTIAL
GAMBLE:
PREDICTING
PERFORMANCE
IN THE
WHITE HOUSE



FALL 1988

FOR ALUMNI AND FRIENDS OF PORTLAND STATE UNIVERSITY

HOME- COMING 1988



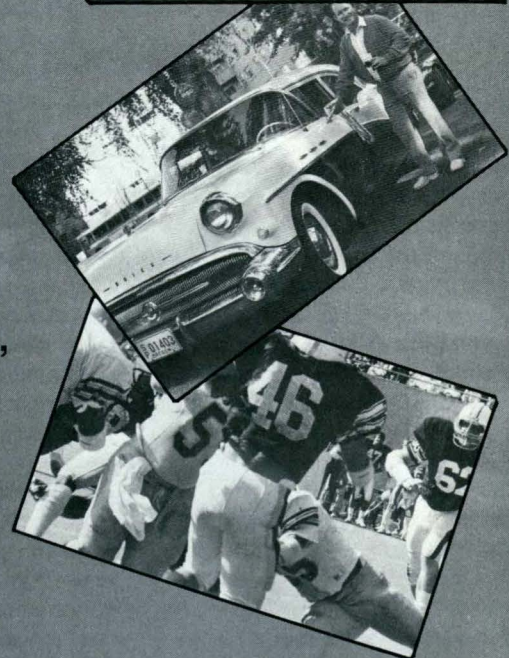
Bonfire by the library,
7 p.m., Friday, Oct.21

Reception in SMC 338,
4:30 to 6 p.m., Saturday, Oct.22

Parade of Cars to Civic Stadium,
6 p.m., Saturday

Vikings vs. Southern Utah,
Civic Stadium, 7 p.m., Saturday

(for details see page 15)



PSU MAGAZINE

CONTENTS

FALL 1988

FEATURES

May the Best Candidate Win

Predicting presidential performance is the subject of the day for professors Jim Heath and David Smeltzer.

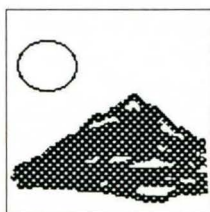
PAGES 4-7



Art That Computes

Paint brush to canvas has become light pen to video terminal in one Art Department office.

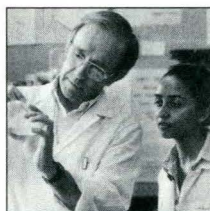
PAGES 8-10



The Future of Education

Advanced degrees in science and engineering are the focus of far-reaching plans at Portland State.

PAGES 12-13



Exchanging Needles in Portland

Heading up this experimental program are a professor and a student from PSU.

PAGES 17-20



DEPARTMENTS

Around the Park Blocks	2-3
Campus Notes	21-22
Alum Notes	24-27
Sports	28
Calendar	29

Cover: Choosing the next president is a "Wheel of Fortune" proposition, as depicted by Portland cartoonist Joe Spooner ('68), and told on pages 4-7.

PSU Magazine is published quarterly for alumni and friends of Portland State University by the Office of Public Affairs. **Editor:** Kathryn Kirkland; **Contributors:** Clarence Hein ('65), Cliff Johnson; **Calendar Editor:** Pat Scott. Letters to the editor, news items and inquiries about advertising should be directed to the Editor, PSU Magazine, Portland State University, P.O. Box 751, Portland, Oregon 97207; (503) 464-3711. Please send address changes to the Office of Alumni Affairs, Portland State University, P.O. Box 751, Portland, Oregon 97207. PSU supports equal educational opportunity without regard to sex, race, handicap, age, national origin, marital status or religion.

AROUND THE PARK BLOCKS

Publisher lauds Ethic classes

Reprinted from the Business Journal, July 25, 1988, Publisher's Notebook by Robert Fisher.

With a bit of fanfare, the Harvard Business School recently announced it will require entering M.B.A. students to take a three-week course on business ethics. And with predictable knee-jerk reaction, educators around the country now say they, too, will consider offering a similar program.

"Anything Harvard does makes the rest of us thoughtful. I daresay there will be consideration of it," said Lawrence Lavengood of Northwestern University's Kellogg Graduate School of Management in an interview with *The New York Times*. But don't bother telling them all this at Portland State University. It seems our local business school has been requiring business ethics for more than five years.

"It helps students understand the kind of ethical dilemmas they may run into," says Vergil Miller, dean of the School of Business at PSU.

In November 1987, Steven Brenner was named a sponsored professor of business ethics and corporate social responsibility, a program supported by the Chiles Foundation.

Currently, he is working on a national study of business and government relations activities of Fortune 500 companies.

Miller says the ethics work, part of a larger course, is taught to both undergraduates and graduate students.

With insider trading scandals and the increasing news of corporate misconduct, ethics in business has been gaining a following. In March 1987, John Shad, the former chairman of the Securities and Exchange Commission, gave Harvard \$23 million to support ethics research.

Too bad he didn't know PSU has been teaching it for years. But it's another example of the East Coast ignorance of the existence of life west of Philadelphia.



The Electra Project

It is said that European cultures, such as our own, are based upon ancient Greek concepts: the reasoned opinion, the measured tone. But that structured, analytical manner wasn't always in vogue in ancient Greece. Then, as today, reason warred with emotions and revenge strained against justice.

Director William Tate will explore these universals of the human spirit in a new play this fall at PSU, tentatively titled "The Electra Project."

A wife kills her husband for a just cause; a daughter and son kill their mother, also for a just cause. But what is justice? Is "just vengeance" a contradiction in terms? Tate intends to pose those questions and more via a fusion of two, maybe three Greek plays: the "Electra" by Euripides and by Sophocles and the "Orestes" by Euripides.

The fact that these plays have continued to exist for so many centuries indicates their relevancy; Tate says his job is to make them accessible and exciting to modern audiences.

"The Electra Project" will play November 2-5 and 9-12 at 8 p.m. in Lincoln Hall Auditorium. For ticket information call 464-4440. For information about auditions (expected in late September) call 464-4612.

Conference to focus on women

Strengthening ties between women is the aim of the Northwest Womens Studies Association's upcoming conference entitled "Joining at the Crossroads: Women's Thoughts, Actions, and Community."

The conference, to be held at Portland State University Oct. 7-9, will feature keynote addresses by noted women writers and scholars Ursula Le Guin, Paula Gunn Allen, Bell Hooks and Mitsuye Yamada, as well as workshops, presentations, roundtables and entertainment.

During the three day conference, a broad range of topics will be discussed in panel and workshop settings, such as: Women's mentoring initiatives, Workplace issues, Women and aging, Comparable worth, Women writers, Women artists of many colors, and Unlearning racism.

Registration before Sept. 21 for the full conference is \$40 general, \$15 students; one day registration is \$20 and \$10 respectively. Other payment options are available. For registration information call PSU's Division of Continuing Education at 464-4812. For further details about the conference, housing, child care, etc. call PSU's Women's Studies Certificate Program at 464-3516.

Planning students assist OHSU

Cars, buses, people, people, and more people make for an uneasy coexistence for Oregon Health Sciences University and the surrounding Homestead Neighborhood.

In the spirit of neighborliness, OHSU contracted with Portland State University's School of Urban Studies and Planning to look at the area's problems and future needs. This became a class project for instructor Michael S. Harrison, chief plan-

ner for the Portland Bureau of Planning, and graduate students Tom Bizeau, Jim Crawford, Barton Delacy, Yousef Massoudifar, Tom McConnell, Foziah Rahman, Ezzatollah Rassoli and Barbara Sochacka. Most of these students already work in the community in planning or a related field.

OHSU and its neighbors are now reviewing the study, which was conducted last winter. Major recommendations in the plan include building off-campus parking structures and connecting them to campus via a shuttle service; changing zone restrictions to allow high-density apartment living; creating housing suitable for faculty and students within walking distance; and setting limits for campus expansion with lower height standards in order to maintain a view corridor.

The plan also considers recreation needs, asking for better trail signs and new children's parks, and also gives suggestions for improving neighborhood and university relations with meetings, newsletters and an information center.

According to Harrison, "the realism of the recommendations vary." There are parts of the plan he would like to see implemented right away and others that may only stimulate discussion.

Gordon Ranta, OHSU's director of facilities planning and advisor for the PSU study, agrees. When he met with the Homestead Association, they found the study a "good communications tool." "There are some great ideas in there," says Ranta, "and we will use it as we work together."

Degrees added

PSU has received State Board of Higher Education approval for three new degree programs and been allowed to drop one undergraduate program.

Beginning this fall, Portland State will offer a Bachelor of Arts degree in Applied Linguistics and create a Department of Applied Linguistics within the College of Liberal Arts and Sciences. A Master of Arts degree in Foreign Literature and Language will also begin immediately, and a Doctor of Philosophy (Ph.D.) degree in Social Work and Social

Research will begin in Fall 1990.

Elimination of the Bachelor of Arts/Science degrees in Social Work is effective immediately.

The degree in Applied Linguistics and creation of the new academic department will prepare students to teach in language education programs or related areas. Graduates may continue their studies toward an advanced degree, and the program will provide more sophisticated training to help non-native speakers of English obtain a higher level of proficiency in the language.

The Master of Arts in Foreign Literature and Language is designed partly to answer the projected need for language teachers at the college and community college levels and to provide graduates who are highly proficient in languages for careers in international business, government agencies, journalism and other fields.

The degree program also has been set up to admit students interested in languages which are normally "under-represented" at the masters level (Russian and Japanese).

Initiation of the Ph.D. in Social Work and Social Research, along with elimination of the existing bachelor degrees is necessitated by the complexity of problems facing social work graduates. There is a need for programs which train people for leadership and research positions and, at the same time, the MSW has become the entry level degree for the profession.

The University has not accepted any undergraduate students in Social Work for the past three years because undergraduate preparation in a solid liberal arts degree is preferred for admission to the Graduate School. PSU's is the only Graduate School of Social Work in the state.



A green oasis is provided by PSU's new mini park on the north side of the School of Education and School of Business Administration, between Broadway and S.W. Sixth Avenue.

Winning your Confidence

Every four years the American voter is faced with the difficult task of sorting through the speeches, the issues, the personalities and the media hype to choose our next president.

by John R. Kirkland

What a coincidence that presidential elections always fall on the same year as the Olympics.

They have the thrust and parry of fencing, the long-distance endurance of the marathon, the crowds, the loyalties, the primal contest of dominance. And along every sideline, in every locker room, are the cameras and the notebooks, endlessly recording and speculating on the outcome.

The difference is when the Olympic contests are over, they're over. In an election, the end is a beginning — a time when the candidate the pundits have scrutinized, the pollsters have analyzed and the voters have elected by gut feel takes charge of an office for which, in most cases, he has no experience.

The responsibility put before the voting public is enormous: they must somehow separate fluff from reality and choose the person who will be their figurehead, their leader, their proxy to the world for the next four years.

At least two PSU professors — David Smeltzer and Jim Heath — are making sense of the rhetorical whirlwind that is presidential politics for students who, more likely than not, will go to the presidential polls for the first time in November.

Heath's history class on American presidents looks at the men from Washington to Reagan who have held and changed the office. Smeltzer's political science class on the presidency analyzes both the office and the election process and uncovers the strategies candidates must use to win.

Their perspectives are slightly different, but one point is agreed upon at the outset: predicting how a candidate will perform once he's in office is all but impossible.

Said Heath, "I suppose if a candidate has really good character and some intelligence you might gamble on him. But all the jobs in the world that person has held might not mean they're going to do a terribly good job as president."

An impressive resume sometimes doesn't mean a thing. Heath points to the example of James Buchanan, a man who served on the Cabinet, was Minister to Great Britain, Minister to Russia, Secretary of State, and a U.S. Senator, yet ultimately was an unsuccessful president. On the other hand, Abraham Lincoln had only one term as a U.S. congressman and several years in the Illinois legislature before becoming one of the greatest presidents in our history.

"Education? Harry Truman is generally regarded as having been a successful president. He never went to college," said Heath, adding that Benjamin Harrison, "a marvelously educated man," was a disaster in the Oval Office.

"That's what makes it tough: you're gambling in advance as to what someone's going to do when they get there. Will they have good instincts? Will they have good judgement? You just don't know."

Smeltzer echoes the point. "The question that comes to my mind with any of them is you just have no idea how they will handle the pressures and position once they achieve them. Some people

measure up. Some people never do. Who would have thought Jimmy Carter had such a propensity for shooting himself in the foot? The moment he became president he was constantly doing things that undercut himself."

Which brings up the question: what do the American people want in a president?

Recent history shows us Americans are fickle, or at least adaptive to changing times. Smeltzer gives the example of Dwight Eisenhower: somewhat laid back, plays golf (but really works harder than he's given credit for) followed by John Kennedy — young, active, patrician. Both well liked and extremely different.

James Barber, in his book *The Presidential Character* wrote:

...the Presidency is much more than an institution. It is a focus of feelings. In general, popular feelings about politics are low-key, shallow, casual. For example, the vast majority of Americans know virtually nothing of what Congress is doing and care less. The Presidency is different. The Presidency is the focus for the most intense and persistent emotions in the American polity. The President is a symbolic leader, the one figure who draws together the people's hopes and fears for the political future.

And the people look for this symbolic leader in the candidates. One who is responsible, serious, and capable, particularly, according to Heath, if the issues are not strong enough to dominate an election. "Not looks; that's overdone," he said. "It helps to not appear ugly, but you don't have to be terribly good looking to convey sincerity, trust, common sense. That's what people are voting for unless they are going with a straight party ticket."

Much has been made in this election of each candidate's resume. Bush backers love to call attention to their man's lengthy and diverse history of public service: congressman, United Nations ambassador, Republican National Committee chairman, envoy to China, director of the CIA. And at the same time they deride Michael Dukakis for his lack of foreign policy experience.

But Heath is skeptical.

Looking back, he sees presidents such as Lyndon Johnson, who had long years in the federal government, but in Vietnam launched a foreign policy debacle that ultimately destroyed his career. Woodrow Wilson, who had no experience in foreign policy, is now remembered for his diplomacy during the end of World War I.

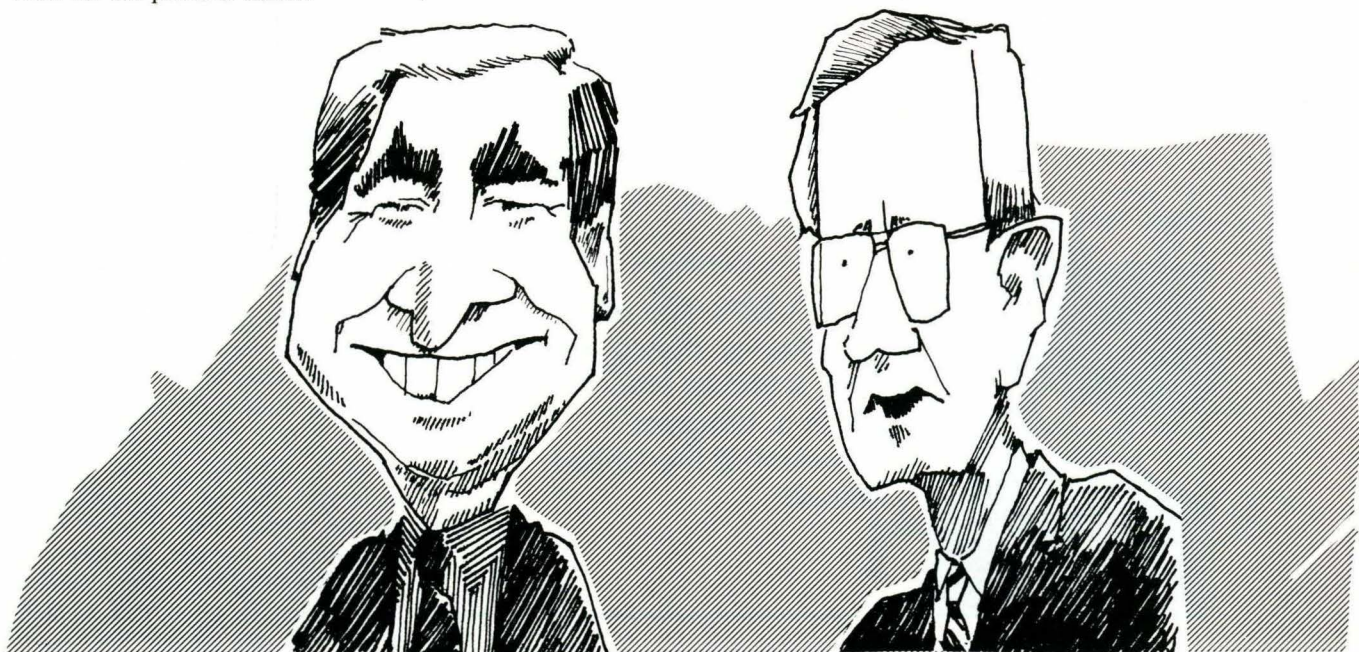
Heath's review of Jimmy Carter is mixed: a man with no foreign policy experience who scores a triumph by bringing together Anwar Sadat and Menachem Begin — heads of two countries that had hated each other for years — but who misreads the Soviet Union and who, rightly or wrongly, is blamed for the Iran hostage crisis.

"I think whether you are a sophisticated diplomat and know your way around may not really matter that much," said Heath. No president before 1952 had much in the way of foreign policy experience, he added. What may be more important is an ability to organize policy, have an overall design, and find a way to get the State Department to react the way you want.

So if voters are not to be turned off by Michael Dukakis' lack of foreign policy experience, are they to be turned on by George Bush's eight years as vice president. Heath's answer is a resounding "no."

"The vice presidency," he said, "isn't worth a bucket of warm spit."

After all, the vice president's real duty is to wait for the president to die, and that can be a long, boring wait. Heath said Teddy Roosevelt used his time as vice president to study for his law degree.



JOE SPOONER

What are Oregonians going to want from the next president? If history is to repeat itself, they are going to want a Republican. Heath rolls out the statistics: in the last 32 presidential elections, Oregon voted Republican 26 times and Democrat six. The only Democrats to win in Oregon were Woodrow Wilson, Franklin Roosevelt (four times by convincing margins), and Lyndon Johnson.

Yet Oregonians are not as conservative as the statistics let on. The state has had many Democratic governors, has a 3-2 Democratic edge in the House of Representatives, and the state's two U.S. Senators, though Republicans, are known for their liberal views.

It will be hard for the state's voters to glean anything "Oregonian" from the campaign rhetoric of either side. Even though George Bush or Michael Dukakis may come to the state and talk about issues they believe Oregonians are concerned about — the environment for example — Heath said the candidates' main purpose in coming here is simply to be seen, to show a measure of concern for the state, and pep up their Oregon-based campaign workers.

Said Heath, "Politicians try to look at a state and peg what that state is interested in. It's a huge physical task to campaign in all the states, and it's almost impossible to give a thoughtful speech addressing the real concerns of each place. Often they're hunches, and they can become cliches.

"Oregonians should be looking at policy statements, recognizing that when the candidates are here, you're getting a basic speech. But those basic speeches along the way will give you their basic thoughts and instincts."



HEATH: The best any president can hope for over eight years is three years of real productivity.

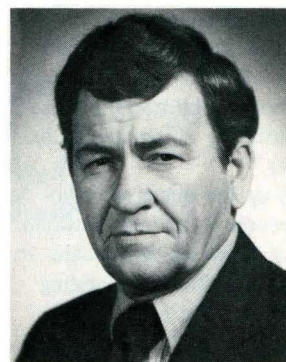
Basic thoughts and values have traditionally been found by looking at the party, and Smeltzer makes no bones about which party he belongs to.

"It's hard to think of a situation in which I would not vote Democratic. I don't try to hide my biases," said Smeltzer, "but my interest is that the students come out of my course with the 'equipment' to make judgments for themselves."

Parties and conventions used to be more influential than they are now in picking the candidates for election, according to Smeltzer. That power has progressively moved toward the news media — something he is uncomfortable with.

Recalling a column by Washington Post writer David Broder, Smeltzer said the number of candidates in this election were whittled down quickly in the primary season because the news media — particularly television — can't concentrate on more than two or three at a time. So, it sees who does well at the outset, concentrates on them, and lets the others founder in a vacuum. Hence, people like

SMELTZER: The other question is, should we trust anybody who wants to become president of the United States?



Pierre DuPont and Bruce Babitt — candidates who could have built a sizeable following over time — went by the wayside while Bush and Dukakis marched straight to their conventions.

That process results in candidates who may not be thoroughly tested or who may not have the full support of their party leaders.

Said Smeltzer, "What you don't have today when candidates are nominated is the kind of assurance that you used to have that they have passed at least a threshold of competence."

Even if party bosses are fading in importance, parties themselves, for the voters, are still important in that they present what Smeltzer calls "constellations of values" that can guide the voters toward a side. George Bush represents certain values most democrats would not likely identify with. Vice versa with Dukakis. "People who vote party are doing it because of values," he said.

Where the public ultimately stands on the value spectrum — from liberal to conservative — can surprise unwary political strategists ... even experienced political scientists such as Smeltzer. He recalls holding a mock election in his Presidency class in 1984 "when I thought the students thought Reagan was a laughing matter," and was shocked to find most of the class voting for his reelection.

George McGovern misread political trends in 1972 when, as the nation was about to experience its first election open to 18-year-olds, he campaigned heavily for the "young" vote. It failed miserably. According to Smeltzer, McGovern should have known that the young represent a low-turnout age group, that children tend to vote like their parents, and that

Southern students are much too conservative to vote en masse for a liberal Democrat.

Smeltzer's students are working on a computer simulation that allows them to manage the campaigns of their chosen candidate through the last two months of the race. If they've learned anything from Smeltzer they will know to expect a fairly low turnout, to heed popularity polls only after September 1, and to pay attention to the South, because that is the place where many a presidential race has been won or lost.

It is because the South is so important that Smeltzer is giving Michael Dukakis only a slim chance of winning in November.

Even though the South is mostly Democrat, and Michael Dukakis is Democrat, he said Dukakis is seen as too liberal and too Northern. Bush, he said, appeals to the South's conservative Democrats, and that gives him a big advantage. Dukakis' choice of a running mate, Lloyd Bentsen, a conservative Southern Democrat, won't help.

"Michael Dukakis has an almost impossible row to hoe," said Smeltzer.

Heath thinks it will be close, but that the Democrats have a good chance.

"I think that after eight years of a minority party occupying the White House you've got a very good chance that the Democrats could win," he said.

Heath is confident the Democratic candidate this year will get many more votes than the Democrats of '80 and '84, and that the burden of wooing the great mass of middle Americans is clearly on George Bush.

"Michael Dukakis could lose the election through a mistake easier than George Bush could win it," he said.

Look at the act Bush has to follow: an idol of the Republicans, the only post-World War II president since Eisenhower to hold two full terms in office, and a man who is leaving office in a shower of hero worship from his party. He was a much bigger hit at the Republican convention than Bush could ever hope to be.

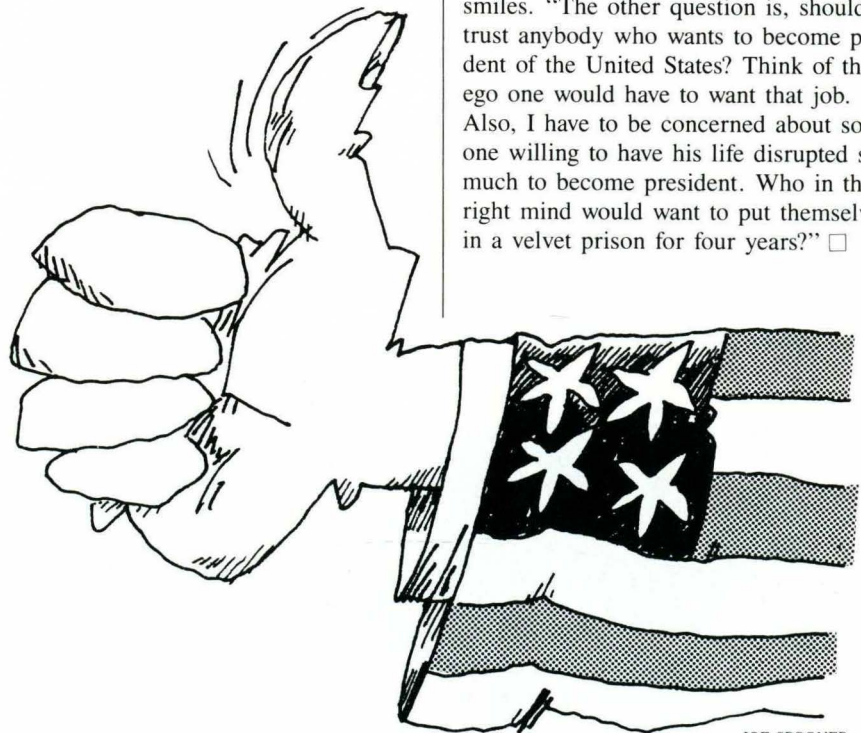
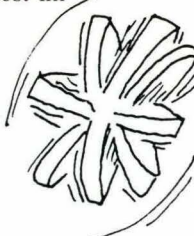
(John R. Kirkland, a Portland free-lance writer and photographer, has contributed to PSU Magazine in the past.)

Just how successful was his presidency is a question to be left to historians and political scientists like Heath and Smeltzer. The best any president can hope for over eight years, according to Heath, is three years of real productivity.

"It takes a president, as a general rule, two years to learn what to do. The third year in office he's got his team together and he should be able to do something. The fourth year he's running for office. The fifth and sixth year he should be able to get things done. The seventh and eighth he's a lame duck."

Reagan was fortunate to have achieved a breakthrough with the Soviets during his last two years, and that will probably stand Bush in good stead in November. But it won't guarantee him the election.

"Transferring popularity from one leader to another is one of the most impossible things of all. Kings couldn't transfer it to their sons when their sons became king. It's even harder for presidents to transfer it to vice presidents," said Heath.



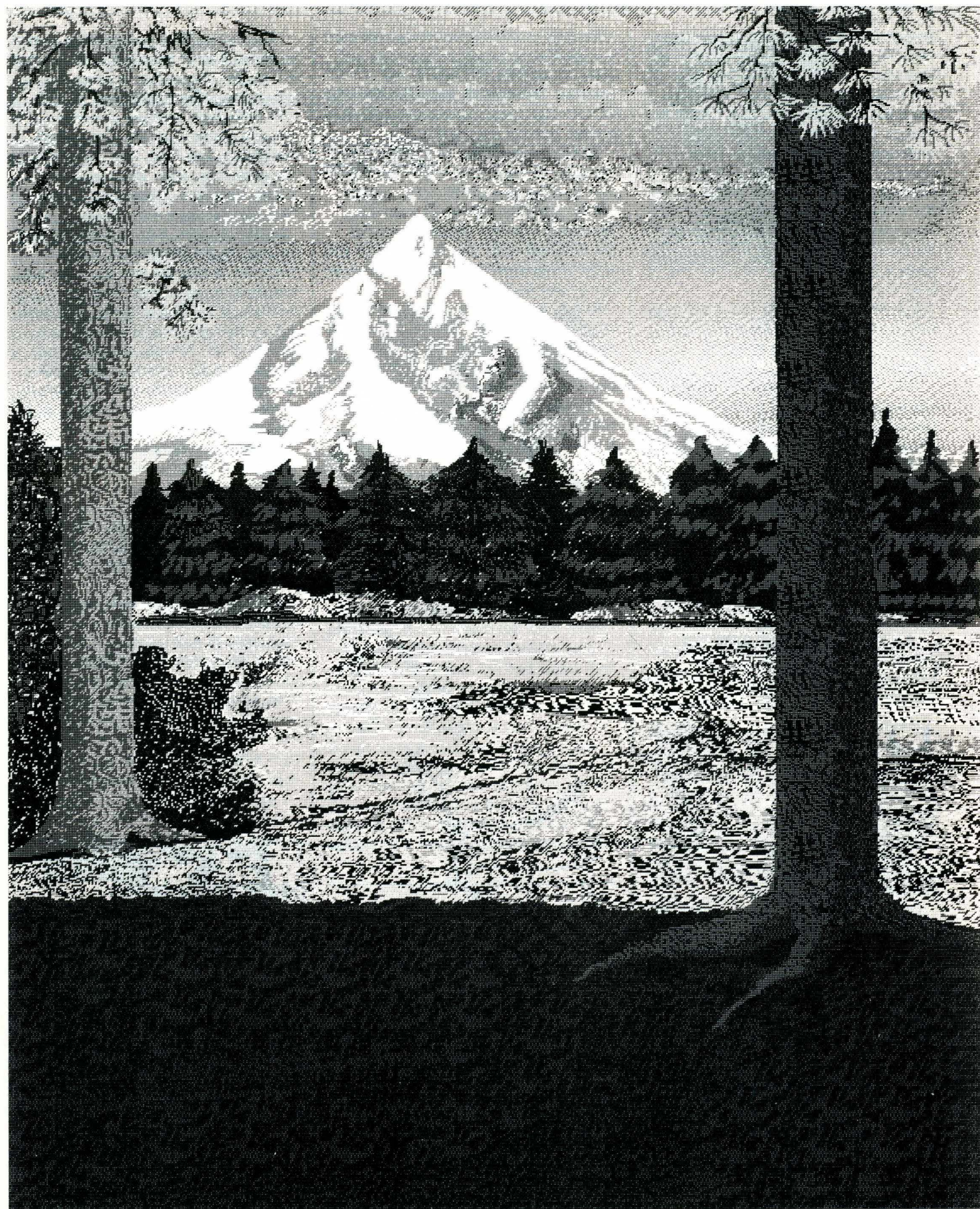
That George Bush is attempting to pick up where Ronald Reagan left off is a fact that has led the pundits to make the almost irresistible comparison of 1988 with 1960. Both elections followed a two-term Republican presidency. Both Republican candidates were incumbent vice presidents. Both Democratic candidates were from Massachusetts and their running mates from Texas.

In that election, John F. Kennedy won, but only by the slimmest of margins. When the final count was taken, he had won by fewer votes than there are precincts in the United States. And with that we have the most interesting comparison of all, because even if the candidates themselves arouse little emotion, the outcome of the election will have the sportscasters of the political world on the edge of their seats.

Smeltzer is willing to bet on Bush, members of the press are leaning toward Dukakis, and Heath says it's too close to call.

The voters will know this time that their votes count, and will have to ask themselves in earnest which man will do the better job.

Smeltzer ponders for a moment and smiles. "The other question is, should we trust anybody who wants to become president of the United States? Think of the ego one would have to want that job. Also, I have to be concerned about someone willing to have his life disrupted so much to become president. Who in their right mind would want to put themselves in a velvet prison for four years?" □



A palette full of pixels

Computers are changing the way artists create.

By Kathryn Kirkland

Last fall, curious onlookers pressed their faces against the windows of Room 246 Neuberger Hall. Obviously something special was going on inside as Emily Young, associate professor of art, brushed, smeared and wove color, often unbelievably fast, on the computer terminal at her finger tips.

The windows are now papered over — the fish bowl effect was just too much — but the colors are still swirling and the wonder of faculty, students and invited guests has not ceased. Computer art has come of age and Portland State University is getting a glimpse of it through a newly acquired system and Young's expertise.

Opening up a painting program, Young picks a brush, chooses her palette, takes an electronic light pen in hand and begins drawing on a gridded tablet. She never glances at the point of drawing in her lap; her eyes are glued to the color screen as a fantastic red ribbon of color appears, now drifting to lighter reds, pinks, and purples. A startling underbelly of blue is revealed as she loops over to change directions.

"I'm painting with light now instead of pigment," says Young, "yet, I'm still painting because the action is very similar."

Reproduction from a color print of Oregon's Mt. Jefferson by Emily Young (1988).

The choices in this particular program seem limitless to the novice. On its electronic menu is a pencil, a selection of brushes (or you can make your own), a paint bucket for pouring, a spray can, shading, even a command for creating a three dimensional look. Some of Young's finished prints look like pastels, achieved through the computer's ability to smear colors together.

"The programmer has put into the software a way of taking a red pixel and white pixel and smearing them together to make the pinks. That was a big breakthrough," says Young. Pixels are the dots of light that make up the computer screen.

The tablet and pen Young uses for manipulating images replaces the "mouse" many Apple Computer users are familiar with. The tablet dimensions match the dimensions of the screen. As the artist marks on the tablet the identical mark appears in the same place on the screen. "At first it is a little like rubbing your stomach and patting your head, but then you get used to it," says Young. "This is a natural for art people because we are used to holding pens and pencils."

Young has been teaching in various capacities at Portland State for several years. She currently teaches basic design and art education — the latter being a natural because of her many years teaching in the Portland Public Schools. And of course she is also a professional artist.



Emily Young

"I've done it all, but my medium is painting," says Young. She sees the computer as an electronic art tool that sits beside the traditional tool of brushes, pens and the like. Computer art happens to be her current medium of choice. But it is not one she takes lightly. Learning about computers, acquiring a system and putting pen to light has been a decade-long task for Young.

Her interest started in 1978 when Young was attending a National Art Education Association conference in San Francisco. Ohio State University brought a roomful of computer and video equipment and gave art demonstrations.

"They put Ringling Brothers to shame," remembers Young. Because the equipment was bulky and expensive, Young realized it was unattainable unless she used it through an institution. She waited and read everything, took workshops and was ready these last years when microcomputers hit the market.

Still, the computers are not cheap and at this point the PSU Art Department has only been able to afford one sophisticated

graphic arts system. "We have planted the seed," says Young. She would like to see an art lab set up for students and faculty with five full-color screen terminals. But this \$40,000 project needs some serious equipment or money donations from industry or the community.

Until Portland State got its color system, Young had been doing black and white art on her system at home, along with booklet and brochure design work for paying clients.

Young estimates that 75 percent of computer art is used in commercial art graphics, and much of this can be seen daily on TV news programs and in commercials. Advertising is a natural for computer graphics because it is so versatile, fast and therefore cost-cutting.

showpieces Young saw in 1978 and was only picked up by major aircraft and automobile industries that could justify the high capital costs for design work.

The prevalent use of computers today is testament to how far the technology has come. Printers for the color systems are another matter: a few have just come on the market, but their limited capabilities and expense make them a risky buy at the moment.

Young has occasional use of a very new Tektronix thermal wax color printer, a wonderful machine as far as she is concerned. Tektronix loans the printer to the University allowing Young to use it and also showcase its capabilities to anyone who is interested. The machine's hefty price, between \$8,000 and \$11,000, is

The Future of Art

Portland is taking computer art seriously and one of the reasons is PSU student Chad Saddler. Saddler, a third year communications student, has been producing the show "Computers: The Future of Art" for the last year through Multnomah Cable Access.

With 20 shows under his belt, Saddler, 31, has a good feel for the "mushrooming" computer graphics industry. From jet propulsion computer graphics to Emily Young's computer art, each show presents the guest and their work and then allows the guest to get into the nitty gritty of the computer itself. Saddler sees this as a less threatening method for familiarizing the not-so-computer-literate with the amazing functions of the machine. And, as it turns out, many of today's systems do not require a lot of technical skills just the ability to jump in and get started.

"We can hook-in (the audience) visually using some pretty fantastic imagery and then explain how to utilize the tool," says Saddler.

From his research, Saddler estimates visualization and computer graphics will be a \$5 million industry by 1990. But he cautions that the individuals who work these machines will have to be both technically attuned and aesthetically and emotionally perceptive. Just owning the proper hardware and software does not an artist make.

In his five year plan, Saddler hopes to market his show to broadcast television, specifically the Public Broadcasting System. For now the program can be viewed Sundays at 9:30 a.m. on Channel 21, and for TCI viewers, the second Tuesday at 6:30 p.m. on Channel 11. □



North and Middle Sisters, Ore., created by Young on a computer (1988).

Computer graphics originated at the Massachusetts Institute of Technology (MIT) in 1950 when the first computer-driven display, linked to a computer, generated some very simple pictures. The first important step forward came in 1963 when a system called SKETCHPAD was demonstrated at the Lincoln Laboratory of MIT. That system was even more costly than the Ohio State

keeping it out of the average artist's studio for now.

Fortunately, determined artists have other ways to print their computer disk originals, as is evident at Abaci Gallery in downtown Portland. Abaci specializes in computer art and, according to owner/artist Daria Barclay, is one of only two galleries with this specialty in the country, the other being in New York.

"For these artists the computer is the designing tool. That main thread is consistent, but then each artist takes his or her work in other directions," says Barclay. She sees artists who reproduce their work on silk screens, ones like Young who use a thermal wax color printer, others who photograph their work

(Continued on page 22)

Giving high school students a CHALLENGE

When David Redpath grades a paper, two spelling errors are an automatic "F," a mark

Pamela Dumasquier stoically accepted three years ago in his Survey of English Literature class at Milwaukie High School.

The difficult nature of the class isn't just a matter of Redpath's teaching style, but reflects the demands of Portland State University's Challenge Program.

The Challenge Program allows high school seniors to take college courses at their own schools. The PSU credit counts toward completion of a bachelor's degree and is transferable to any college or university in the Oregon State System of Higher Education, as well as many other colleges and universities throughout the U.S.

Dumasquier passed the class, transferring the PSU credit to Mount St. Marys College in Los Angeles where she is now a junior in the honors social sciences program.

"That class was more difficult than any honors freshman class I took," says Dumasquier, "not overwhelming, but definitely college level."

Dumasquier, 21, is not averse to hard work, just an expert on it. The scholarship winner speaks three foreign languages fluently and knows a fourth, her college major requires honors work in political science and international economics, and after graduation she would like to pursue a career in international diplomacy.

Dumasquier represents a typical Challenge student — smart, motivated, and college bound.

Started in 1976, the program attracts 500 students each year throughout the Portland metropolitan-area high schools. Only high school seniors with a 3.00 grade average are eligible to enroll.



Pamela Dumasquier, now a college junior, got a head start by taking PSU credit courses at Milwaukie High School.

The high school instructors who teach the classes also pass certain standards. They must have graduate degrees in the disciplines they teach and a minimum of two years' teaching experience. Challenge Program teachers are appointed adjunct instructors by the University, teaching the courses as part of their regular high school teaching loads, and working with PSU departmental coordinators to ensure quality, college level courses.

Redpath, Dumasquier's tough instructor at Milwaukie High School, has been a Challenge teacher since the program's inception. "It's a wonderful program for the kids," says Redpath. "They have the opportunity to read more demanding college texts."

Giving students a preview of what's to come in college is also an emphasis appreciated by Challenge Program Coordinator Karen Tosi. "They get some experience in the reading, thinking and general work load that's going to be involved," says Tosi.

She has been with the program since 1980 and enjoys the link Challenge has fostered between Portland State and area school district faculty. "There are many prestigious colleges setting up some form of continuous dialogue between select

high school teachers and their faculty. This program affords that opportunity very nicely."

PSU's Challenge Program was modeled after Project Advance at Syracuse University in New York. That program, started over 20 years ago for talented and gifted high school students, covers four states giving students Syracuse University credit. Portland State's program offers courses in English, foreign languages, history, calculus, and computer science in Portland, North Clackamas, Beaverton, Gresham, Hillsboro, Tigard, Scappoose and Rainer school districts.

Steve Dodge took calculus at Sunset High School in 1984-85 through the Challenge Program. He is now a computer science senior at Oregon State University and credits that year of calculus as a "good basis" for his advance classes.

"That saved me eight hours to take other classes," remembers Dodge. He also appreciated not having to take an advance placement test. This is a four or five-hour exam which also gives the passing student college course-work credit.

(Continued on page 22)

Science and Engineering Education for the Future

by Cliff Johnson

Portland/Vancouver — by far Oregon and Southwest Washington's most populous metropolitan area and a leading contender in the race for Northwest economic growth — is perhaps the only one of the nation's 33 largest metro areas still without a major university offering a complete set of nationally-accredited doctoral programs in engineering, the basic sciences and mathematics. This means Portland/Vancouver lacks an educational stimulus in shaping tomorrow's economy.

The Committee on the Future of Science and Engineering at Portland State University, a group of top professionals in Oregon's science, engineering and business community, deliberated on the problem since the beginning of this year, and believes it is essential that PSU establish these degree programs by the year 2000. If not, the committee cautions, these needs could be met by a satellite campus in Washington. The time could be fast approaching. In mid-August the Washington State University Board of Regents announced it had voted to ask that state's legislature for money to expand its branch campus in Vancouver.

For that and other reasons, the committee viewed its mandate as clear: identify the steps needed to correct this learning deficit, and develop a realistic plan to assure future intellectual and business growth in the region.

The committee concluded that without doctoral-level programs, the region's industries will face real difficulties in recruiting the best possible talent, let alone in training employees in technical

jobs. It felt that new educational programs will bring new opportunities for increasing basic and applied research, technology transfer, and university-industry partnerships to positively influence economic and social needs of the Northwest region.

Consider for a moment the recent scholastic experiences of three Portland State graduate students in civil engineering, and how the lack of a doctoral degree program in their field affected their lives.

"If PSU could offer me the facilities and the options I could get at (University of) Texas or MIT, I would have been giving (PSU) serious consideration," said Fariborz Maseeh-Tehrani, 29 and married, and holder of a bachelor's and master's degree from Portland State as well as another master's from University of Texas. He is now working on his doctorate at MIT because of its pre-eminent ranking in his field, and is anticipating job offers from industry and academia in about a year.

Would he consider teaching at PSU in an enhanced doctoral-level program? "If PSU would offer me a good opportunity that could match my other offers, then why not? Portland is a great city. My family already lives in Portland."

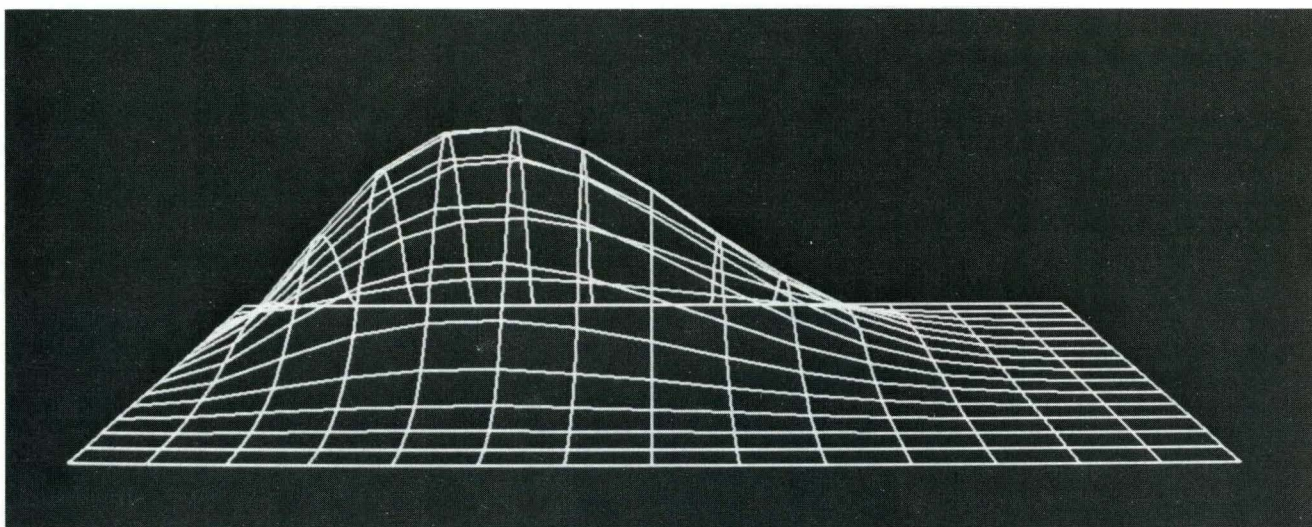
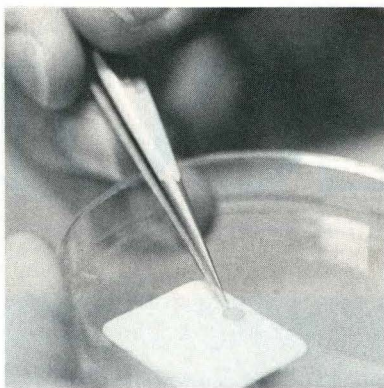
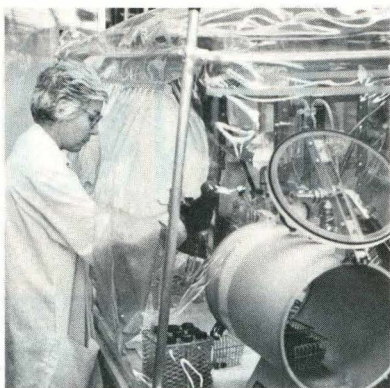
For Rupa Purasinghe, 33, married with no children, the lack of Portland State doctoral offerings led him to Case Western Reserve University, where he earned his Ph.D. in 1985. He recently called PSU "one of my top preferences" to continue his doctoral studies, if only Portland State had offered the program. But instead, he is an associate professor of civil engineering at California State University-Los Angeles.

Leon Kempner, 42, of Portland and the married father of children ages 5, 8 and 14, has chosen a different path, adapting to Portland State's current program because moving to another state to pursue his Ph.D. was simply not financially possible.

Kempner, a structural engineer with the Bonneville Power Administration in Portland, fastened onto Portland State's Systems Science Ph.D. Program, which brings knowledge from many fields to find solutions to complex intellectual and societal problems. The program allowed him to undertake his Ph.D. work while he earned an income for his family. "I jumped on it," Kempner said. Even though he found the "multiple-perspective courses ...really opened up my mind," Kempner confessed it would have been preferable to be "...in a pure engineering (Ph.D.) program."

Kempner plans to use his Ph.D. degree mainly as a credential to help secure a teaching position in later years when he leaves the business world and his children are grown, and in that respect the current Ph.D. offerings at Portland State are responsive to his needs. But one could argue that there should be programs more responsive to a scholar's immediate needs.

It is a feather in Portland State's cap that its students go on to earn advanced degrees and faculty positions at other prestigious universities across the country, but the benefits to the local economy and PSU would be much more impressive if those same students could stay in Portland. PSU — whose mission it is to improve human potential — could serve as prime catalyst to the education of tomorrow's experts.



For this reason, Portland State University needed rational planning and a clear sense of direction concerning doctoral-level science and engineering programs through the year 2000. Now, thanks to the committee's diligent work, as well as careful planning steps in the "PSU Plan for the 90s," Portland State will submit innovative proposals to the Oregon State Board of Higher Education.

Included among them are doctoral degrees in such fields as molecular biology, biophysics, chemistry, toxicology, geology, mathematics and math education, physics, civil and mechanical engineering. If approved, these and other expanded graduate and undergraduate studies and scholarship opportunities will help Portland State toward becoming a full-fledged Category I Research University, with all the scholarly stature such a distinction entails.

The committee advocates:

- Encouraging new, synergistic relationships between PSU science and engineering programs and Washington County industries, together with the faculty and students of the Oregon Graduate Center;
- Fostering improved relationships with the Port of Portland and the Portland Development Commission to help develop the most advanced industrial and research park possible on the east side of the Willamette River, preferably at a proposed site in the I-84/Columbia River corridor on land annexed by the City of Portland;
- Exploring the need and potential for an improved shuttle service connecting Portland State with the Oregon Graduate Center near Beaverton, to facilitate faculty and student educational interchanges.

Against the backdrop of tomorrow's larger population forecast will emerge the small but economically vital cadre of scientists and engineers of the next generation. Although they represent only four percent of America's workers now, these professionals dominate the research and development processes which improve our lives and keep the nation competitive.

The demand for these professionals has risen in recent years and is expected to accelerate, but the Portland/Vancouver area — with its current lack of many graduate-level science, engineering and mathematics programs coupled with high foreign enrollments — could see a noticeable shortage of locally-trained individuals to staff high-tech industries. Unless something changes, and soon. □

HOMECOMING 1

From behind the wheel

There are two framed certificates flanking the clock on the east wall of the boss's office at Monte Shelton Motor Co. on S.W. Sixteenth and Burnside: An honorable discharge from the US Coast Guard, and a Bachelor of Science degree granted by Portland State University (then Portland State College) in 1959. "Those are a couple of important documents to me," says Shelton, who used his Coast Guard GI Bill to help finance his college education.

"I was the first person I know of in my family to make it through college. It was special to me."

Shelton will be back on campus to act as Grand Marshall of PSU's Homecoming 1988, Saturday, Oct. 22. You can't miss him; he'll be driving a 1920 Moon touring car, one of his collection of classic automobiles.

Monte Shelton is unassuming when discussing what he has accomplished. In business, he parlayed a job washing cars at a used car lot into a very successful auto dealership, now selling Rolls Royce, Jaguar and Saab. In auto racing, a long-time passion with Shelton, he has won on the national circuit and is a six time Rose Cup winner, including the 1988 race.

But behind Monte Shelton's genuine modesty is a quiet confidence that has served him well in both business and racing.

"When I think I know what I'm doing," he says, "I make a decision, put all the doubts behind me, and I go full speed ahead with what I know is right and will work."

Does he see himself as a risk-taker? "To other people — who may be a little more timid — it may seem like I take

risks. Maybe I do, but there is never a reward without a risk. If you're going to accomplish something, or be something ... you have to think you can do it. That's half the battle."

Going to college was a risk for Shelton when he reported to Old Main (Lincoln Hall) in 1955. Already in his early 20s and with a wife and two children, he thought he might be a teacher but mainly he saw a college education as a way to help provide for his growing family.

"It was very difficult for me at first," Shelton says, smiling as he leans back in his chair remembering that fall more than 30 years ago when he reported for classes. "I really didn't know how to study and I was sort of a flaky student in high school."

(Continued on page 16)

It's all in the game

In modern athletic record keeping, no statistic seems too arcane for the list makers. But we may have a new one at PSU. Among the various listings of "most" "least" "longest" and "shortest" in the Portland State football records we can add a new column: Most consecutive home games attended by an emeritus faculty member.

First on the list will be Ralph W. Macy, Emeritus Professor of Biology, who entered the 1988 season with an unbroken string of 96 home games (1972-87). Macy will be "Honored Guest" at PSU Homecoming, which should mark his 101st straight contest in Civic Stadium.

However, rather than his usual seats on the 50-yard line, Macy and his wife will watch from a special VIP section.

Macy came to Portland State in 1955 to teach biology following 13 years on the faculty at Reed College. Even though his new college was housed entirely in one old high school building (Lincoln Hall), Macy saw a real future for the Park Blocks school.

"You know," he says, "I was sure that Portland State would become a great school because it would fill a vacuum in public education. So, I didn't hesitate to put up with some primitive conditions."

(Continued on page 16)

The crowning touch

To greet and meet — that is an official function of Anna Jones, the new Miss Oregon. And greet and meet she will during PSU's Homecoming on Oct. 22. Jones, 24, is a Portland State business major and will be an "Honored Guest" during the University's fall celebration.

Representing the Tri Valley, Jones was crowned Miss Oregon in early July. She is a Vancouver, Wash., resident, but was eligible for Oregon's contest because she attends school in the state. She has attended PSU part time since fall term of

(Continued on page 16)

1988



Grand Marshall Monte Shelton



Honored Guest Ralph Macy



Honored Guest Miss Oregon 1988

Events Schedule

Homecoming Grand Marshal Monte Shelton, and honored guests Ralph Macy and Miss Oregon, Anna Jones, invite you back to PSU for these reunion events:

Bonfire, 7 p.m., Friday, Oct. 21

Join PSU football coach Pokey Allen, the rally squad and members of the football team as they kick-off Homecoming 1988. The festivities, sponsored by PSU Athletics, will be held behind the library.

Reception, 4:30-6 p.m., Saturday, Oct. 22

Visit with old friends and sip Oregon wines from Oak Knoll winery (alumnus Steve Vuylsteke, '81, is president/CEO of the winery), and enjoy refreshments and hors d'oeuvres in Smith Memorial Center, Room 338. Recipients of the 1988 Outstanding Alumni Award will be announced, and thanks to alumnus Jim Souders ('69), owner of Kel's Florist, homecoming mums will be available for purchase.

Parade of Cars, 6 p.m.

Honored guests will lead the procession of collectible cars from the Park Blocks to the Civic Stadium. A free shuttle to the game is available for those not participating in the parade. If you would like to join-in with your own collectible car, please contact Mary Lou Webb at 464-4948. Call early, participation is limited.

Viking vs. Southern Utah, 7 p.m.

Come and support the No. 1 nationally ranked Vikings as they take on the Thunderbirds of Southern Utah at Civic Stadium. United Grocers is sponsoring this exciting match-up and will be giving away special 2-for-1 coupons at participating United Grocer stores. Redeem coupons prior to the game at the PSU Athletics ticket office or all GI Joe's Location (no coupons will be honored at Civic Stadium).

Half-time entertainment will include the "Dash for Cash," where randomly selected individuals pocket as much cash as possible in a limited amount of time.

Please help Portland's needy by bringing a can of food to the game for Oregon Food Share. Barrels will be located throughout the stadium.

For more information regarding Homecoming activities, call 464-4948. For football ticket information, call 464-4000.

(Continued from page 14)

Monte Shelton

It took a while for the young Coast Guard veteran to adjust to college. "First term, fall of 1955, I had a miserable time getting study habits and making it all happen."

Fortunately for Shelton, one of his first classes was English Composition, taught by Philip Ford. "I had never really had a writing class and Professor Ford was a great guy, one of the best instructors I ever had. I learned a lot in that class even though I was a 'C' student all the way." Shelton credits Ford's class with teaching him to organize his thoughts and get them down on paper, skills which have stayed with him.

Still entertaining thoughts of becoming a teacher, Monte Shelton had accumulated a number of education credits by his junior year when the laboring jobs (loading ships, working at a brewery) which had supported his family ran dry. He accepted a job washing cars at a used car lot. "I really didn't want to do it because I wasn't sure about the used car business. But I was always interested in cars and I needed the money."

Shelton washed and prepared cars for sale at the lot on N.E. Broadway and Union for a few weeks when fate stepped in to alter both his career plans and his fortunes. "It was during lunch one day and both salesmen were gone. Some customers came in and I sold two cars during lunch, including arranging the financing. That was the last day I washed cars."

It also was the end of his teaching career. He and a partner went into the car business and, since the early 1960s, Shelton has been on his own. He recently went back and bought that property on N.E. Broadway and Union.

A lot has changed for Portland State and Monte Shelton since he earned his degree in 1959. Both have grown in importance and influence. "I used to be so broke then," he says. "Tea was ten cents a cup and I'd keep the tea bag in my locker. I'd re-run that bag seven or eight times because they'd give us all the hot water we could drink down there in the cafeteria."

When Monte Shelton returns to campus October 22 he'll find a modern, multi-block university where a one-building college used to be. He says he is anxious to see the changes. He'll also find that a cup of hot water now costs as much as the tea did 30 years ago. But you still can bring your own tea bag. □

Ralph Macy

Already a respected researcher in parasitology by 1955, Macy brought the first federal research grant to PSC in his first year. It wasn't a large grant, he laughs, "But I had more money in my modest little grant for supplies and equipment than did the whole science division." In fact, the new professor's request for a research microscope nearly broke the science division's bank in 1955.

Macy recalls those early, crowded days in Lincoln Hall fondly. They were short on supplies but long on variety. "It was primitive, believe me," he laughs. "I remember some snakes got loose from the biology lab one day and scared the wits out of the people in the registrar's office." The 83-year old scientist adds with a smile, "They weren't my snakes, incidentally."

He began his unbroken string of home football game attendance following his retirement in 1972, saying he always had liked the game but didn't have time before. What is it about football that fascinates this scientist of six decades and author of more than 100 scientific papers and three books?

Macy pauses briefly. It's a question he has thought about before.

"I can't really say. I didn't play myself, but my father was quite a football hero ninty years ago at George Fox in Newberg. But to me, it's a great game. It has not only the brawn but a lot of finesse, strategy and intricate aspects (that) are satisfying for me to watch."

His wife, Laura Lee Rayl Smith, whom he married in 1981, also attends the games, but "she enjoys watching the crowd." □

Macy has seen his share of winners and losers over the past 16 years but quarterbacks June Jones and, of course, Neil Lomax stand out in his mind. "The remarkable thing is that often times there would be only a handful of spectators. I remember the paper mentioned once that, with Lomax, people someday would really have to pay to see him play, which, of course, is true."

He is particularly sanguine about this year's team. "I think we have a great chance of bringing home the national championship. A great chance."

He is equally enthusiastic about the future of the University. "Portland State is one of the future great universities. The tendency is toward the urban institutions and it has improved so much already it's incredible."

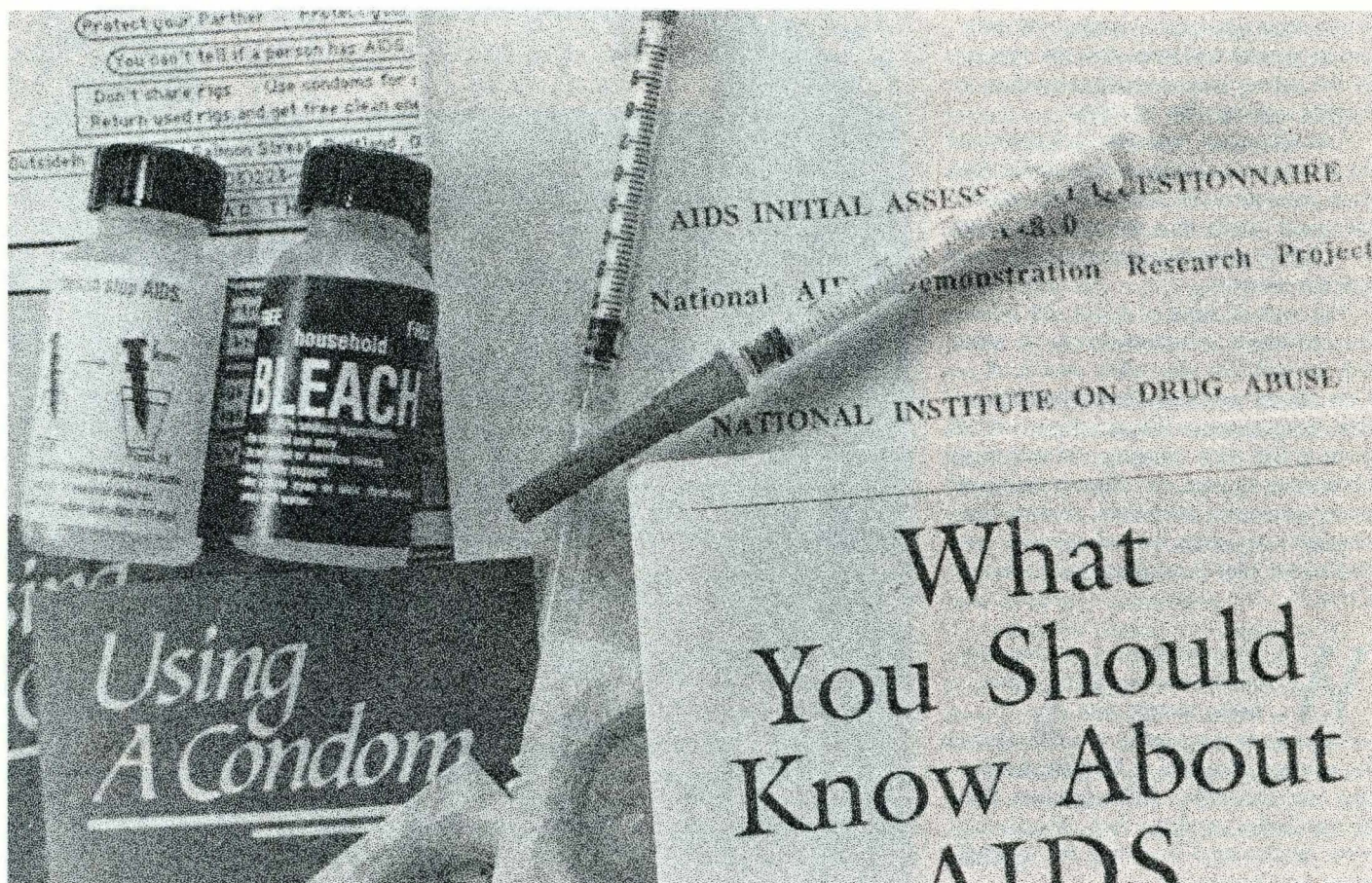
But future greatness will have to await completion of this season, at least, after which Emeritus Professor Ralph Macy will be at 102 consecutive home football games and counting.

Miss Oregon

1985 and is one year shy of graduating. Jones plans to finish her studies after her reign as the state's hostess.

One of Jone's first official acts this summer was to kick off a campaign against illiteracy. She is honorary chairwoman of the Oregon Literacy Council and has said she will give as much time as she can to help combat the problem. She is assisting with public relations and helping to organize a statewide network with the other 125 Miss Oregon contestants to promote the need to deal with problems caused by illiteracy.

In addition to representing the state in the Miss America Scholarship Pageant in Atlantic City this September, Miss Oregon was given a \$2,000 college scholarship, a \$1,500 savings bond and several thousand dollars worth of prizes. □



Intravenous drug users will receive this packet from Outside In in exchange for their dirty needles.

Eye on the Needle

Article and photographs by Cynthia D. Stowell

It is a bonding ritual. It is also one of the most effective ways of transmitting AIDS.

The sharing of needles and syringes by intravenous drug users has come from behind closed doors and into the public eye. Now that IV drug users have supplanted male homosexuals as the group in which infection by the AIDS virus is spreading the fastest, international concern is keen.

This fall, the nation's gaze is fixed on the cities of Portland and New York, where trailblazing and controversial research projects involving the exchange of dirty needles for sterile ones are about to get underway.

Heading up Portland's needle exchange experiment, which was the first such effort to be funded in the United States, are a professor and a student from Portland State. Principal investigator Hugo Maynard is an associate professor of

psychology at PSU and project director Kathy Oliver is a 1982 PSU graduate currently finishing up her Ph.D. in urban studies. Oliver is the director of Outside In, the community agency where the program will be based.

With funding from the American Foundation for AIDS Research (AmFAR) in New York, Maynard and Oliver hope to determine whether the availability of clean needles and syringes, accompanied by condoms and educational information,

will discourage needle sharing and drug use in general and help slow the spread of the human immunodeficiency virus (HIV), a strong link to AIDS.

And unlike the relatively self-contained male homosexual population, the IV drug user population cuts more boldly across the social fabric, thus putting at risk not only fellow users but also sexual partners and the unborn.

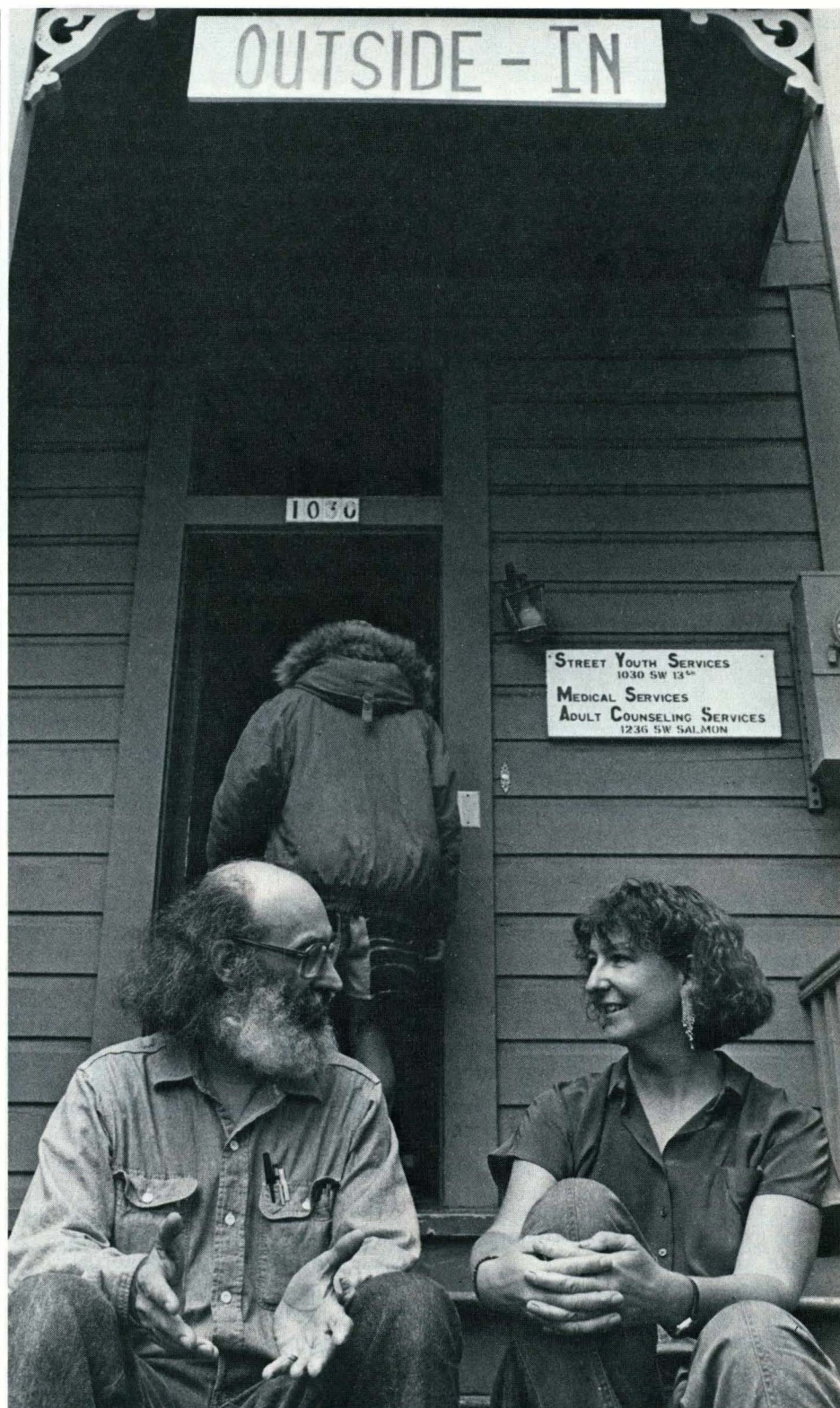
The need to think of AIDS and IV drug use in tandem was driven home for Outside In staff last year when several of their clients tested positively for HIV. Two were young pregnant women, one of them in her third trimester. "It was really devastating to have our clients making all these changes in their lives, starting new families and getting excited about it, only to find out they'll probably die," said Oliver.

While attending an international conference on AIDS, Oliver made contact with two authorities on the spread of AIDS through intravenous drug use — Don DesJarlais and Sam Friedman of Narcotic and Drug Research, Inc. in New York. The pair were instrumental in getting the AmFAR grant for Outside In.

Outside In, a 20-year-old storefront agency that offers medical clinics, counseling and emergency services for inner-city low income adults and street youth, is a logical place to base the project. Staff have been providing condoms, bleach for sterilizing needles, educational materials and counseling to their IV drug using clients for some time. "What's new is the needle exchange and the tracking of participants," explained Oliver.

The Portland study will involve two samples: IV drug users and non-IV drug users. Maynard and Oliver hope to track 125 individuals in each group for a year. Serving as control groups will be IV drug users in Houston and Baltimore, where data are available from an ongoing National Institute of Drug Abuse (NIDA) survey, and non-IV users in New York City.

Desirous of a more "symmetrical" research design, Maynard and Oliver have applied for a grant from the Robert Wood Johnson Foundation in New Jersey to add two control groups from Seattle, a city that is culturally similar to Portland.



PSU professor Hugo Maynard and Outside In director Kathy Oliver expect to slow the spread of AIDS among Portland's IV drug users through an experimental needle exchange program.

Cooperation has already been secured from a Seattle agency much like Outside In, said Maynard.

In order to receive clean needles as part of the Portland project, participants must be self-admitted IV drug users age 18 and over, have physical evidence of needle tracks, and bring dirty needles to exchange. They will also be invited to assist in the research project by agreeing to regular blood tests, a short questionnaire every three months and a long NIDA questionnaire every six months. Data will be collected on the subjects' recent drug and sexual behavior, including whether they shared needles or used condoms.

"It's so important not just to give free needles and do nothing else," said Oliver. "That's why the educational component is absolutely crucial."

The year-long, \$67,000 research project will not be able to answer these questions definitively, admit Maynard and Oliver, but they see it as "a start" and "an icebreaker."

Some of the ice that has jammed other needle exchange projects proposed in Boston, New York, and San Francisco was navigated easily by the Portland project. "The laws and the political climate are such that we can do it," said Oliver. Because the possession of needles and syringes is legal in Oregon, law enforcement officials "see no need to take a public stand," said Oliver.

Also adopting a wait-and-see attitude are the mayor, the governor, Multnomah County's Alcohol and Drug Program, and Outside In's funding sources. State and county health officials have offered technical assistance, and letters of support have arrived from the World Health Organization and the Surgeon General, reported Oliver.

Opposition to the needle exchange project has come from the head of Oregon's alcohol and drug abuse programs, who advocates handing out bleach but not needles; from Lyndon LaRouche supporters, who picketed Outside In this summer; and from the conservative Oregon Citizens Alliance, which has promised to focus on the needle exchange once it has finished challenging the governor's recent policy against sex discrimination.

Perhaps because of the emotionally charged atmosphere that seems to envelop the concept of needle exchange, the Portland project is foundering on the problem of insurance. Not only has Oliver been unable to find affordable insurance for the project, but Outside In's regular insurance carrier has said it will not renew its policy with the agency if the needle exchange is launched. During these start-up delays, the stalled New York needle exchange program was given the official go-ahead and may beat the Portland program into operation.

...it is common for a drug seller to inject heroin or cocaine into the buyer at the time of sale...

That's okay with Maynard and Oliver, whose concern for a growing public health crisis transcends the notion of "firsts." "New York should have been first," said Oliver. It has been estimated that 60 percent of that city's 200,000 IV drug users have already been infected by HIV, she said. That compares with a four to five percent infection rate among the 7,000 - 10,000 heroin, cocaine and "crack" injectors estimated to be in the Portland area, according to state and county health statistics.

Given this comparatively favorable picture of Portland, why a needle exchange project at all? "We have a real opportunity to do prevention here," offered Oliver. Add to that the sobering fact that if Portland's infection rate continues to double every year as it did from 1986 to 1987, 100 percent of the IV drug users could be infected by the end of 1993, noted Maynard.

"Everyone's eye is on the needle," remarked Maynard, "but that's the easy part. It's a problem of affecting the culture of the user, changing the behavior and habits that represent a kind of social bonding. Shooting up is a social behavior."

(Cynthia D. Stowell, former PSU Magazine editor, is a Portland free-lance writer and photographer.)

"We don't have the shooting galleries that they do in New York," said Oliver. "But there's definitely sharing. The homeless people can trade sex for drugs, but coming up with the money for needles can be an obstacle."

"And the street kids often function as sort of a family for each other. There's a lot of kinship and trust that goes on. I would think this would spill over to using needles. It's a sign this person is your friend — you trust them and they trust you."

Both researchers agree that the fear of AIDS is not enough to discourage needle sharing and drug abuse. Said Oliver, "People will come in and say, 'Yeah, I know about AIDS so I'm careful never to share with anyone I think is gay.' There are lots of misconceptions about how the virus is or isn't transmitted."

"I think the public is counting on the fright of getting AIDS to stop people from taking drugs," said Maynard. "But these people are often attracted to danger, titillated by it. And the penalty of AIDS is too deferred. For people who are used to the immediate risk of an overdose, the eight-year latency period for AIDS has no meaning."

In a state where hypodermic needles and syringes are readily available at pharmacies without prescription for 45 cents apiece, or as low as 14 cents in bulk quantities, why would free needles be attractive to addicts? "Strict legal accessibility is not the same as true accessibility," said Maynard. "They are often harassed and refused outright (by pharmacists)." And the psychological process of denial may keep them out of the stores, said Maynard. "Many drug users maintain the personal fiction that they are not drug users."

So, in reality, many IV drug users get their "works" on the streets for a dollar apiece and no guarantee of sterility. Or, said Maynard, in Portland it is common for a drug seller to inject heroin or cocaine into the buyer at the time of sale, using the same needle and syringe over and over.

Opponents of needle exchange programs are apt to view experimental providers as little more than drug peddlers with clean needles. Both Maynard and Oliver are a

bit impatient with the argument that swapping clean needles for dirty ones amounts to condoning or promoting drug abuse.

"That attitude comes from a failure to understand people," said Maynard. "IV drug users are plentifully motivated by things other than the availability of needles. And it's extremely unlikely that someone is going to start taking drugs just because needles are available. People already have the means. We're just carrying out a substitution."

Preliminary results from needle exchange programs in The Netherlands, the United Kingdom, Sweden and Australia support Maynard's position. In Amsterdam, where needle and syringe exchange began in 1984, there has been no indication of increased injecting while there is evidence of a decrease in needle sharing.

Unfortunately, nothing definite has been learned about the effect of needle exchanges on the spread of the AIDS virus. "It's hard to say much about the spread of the virus, partly because of the latency period of infection," said Oliver. The short timeline of the Portland project poses problems for the two researchers. "We need at least three years to find out what's going on," said Maynard. Both are hoping to get an extension from AmFAR.

Maynard and Oliver believe their program, at the very least, could build trust between Outside In and the rather elusive population of IV drug users. "Anytime a social service agency can increase contact with the particular group, it can't help but be beneficial," said Oliver. "They're a really alienated group of people."

Taking it one step farther, Oliver said, "We hope to use our program as a hook to get people into treatment. Ultimately, that's the answer. You want them to stop using drugs."

Maynard has a slightly more detached view. "My business is to understand how nature works ... and to get some desperately needed information. This is dangerous to say. I don't have the 'right' ideology." He was referring to the public "hysteria" whipped up by the nationwide drug war and the resulting inability of leaders and citizens to view drug issues rationally.

A logical place to start

Kathy Oliver joined Outside In nine years ago as a grant writer, one of a half dozen part-time employees. Now as director of the social service agency, she supervises 23 employees and administers a \$1/2 million budget. During her tenure, Outside In has launched its prenatal clinic and street youth program and has become a United Way agency.

Growth isn't always smooth, Oliver admits. "It's a matter of learning what works and what doesn't work." She recalls one miscalculation with the street youth program, when she lodged eight homeless kids together in a hotel room, only to discover that they had burned the

furniture and stabbed the hotel manager.

Oliver's degree in philosophy from PSU gave her "a real good overall background and a way of viewing the world," she said. After "burning out" as a director of a rape relief hotline, she decided to help bring about social change through program planning, for the city and for Outside In. Oliver returned to PSU for post-graduate coursework in financial and managerial accounting and urban studies.

The AIDS Research and Prevention Project, commonly known as the needle exchange project, will be the subject of Oliver's doctoral dissertation for her degree in urban studies from Portland State. □

Understanding people

Last year Associate Professor of Psychology Hugo Maynard won an outstanding teaching award from the Burlington Northern Foundation. It confirmed what PSU students have known for twenty years — that Maynard is a committed and caring teacher.

For the last ten years he has led his community psychology students in projects outside the university walls. The PSU Community Psychology Group has staged eight annual child abuse conferences and is currently engaged in a large-scale survey of Portland-area adults and their history of childhood sex abuse.

Maynard's experience in this field has given him a different view of the drug

problem. It is popular these days to think of drugs as "the great corrupter and corrodor of children," says Maynard. "But children are driven out to the street and to drugs. The drugs don't come and get them." What drives them out is family violence, he believes. Drugs have become the scapegoat, the "mask over the authoritarian violence" that Maynard finds to be pervasive in American society.

Kathy Oliver, a former student of Maynard's, sought him out when the Outside In project needed a principal investigator. "When I first started thinking about this, he was one person who was really excited. And I like his values." □

Oliver, too, sees problems with public attitudes. "It's somewhat hypocritical to say people shouldn't use drugs and should get into treatment, because there's not the capacity in treatment programs to handle them. We need more treatment resources."

While the President's AIDS commission made such recommendations earlier this year, it did not directly address the con-

cept of needle exchange. This was an oversight at a time of real urgency, Oliver feels.

"AIDS has really changed the world. Drugs can be dangerous and can potentially be deadly, but AIDS is deadly.

"Until people can and are willing to get into treatment, we want to give them the means to protect themselves — not only themselves but their partners, their future partners and their future children." □

New deans for Arts and Social Work

Portland State University is celebrating the appointment of two new academic deans, Wilma Sheridan, as Dean of Fine and Performing Arts, and James H. Ward, Dean of the Graduate School of Social Work. Sheridan had been Acting Dean at PSU for two years and Ward comes to Portland from his positions as Dean and Professor in the School of Social Work at the University of Alabama.

Both appointments were effective Aug. 1.

Ward earned his bachelor's degree at North Carolina A & T University, a Master of Social Work degree at University of Maryland, and a Ph.D. in Social Work from The Ohio State University. Recognized for his contributions to the social work profession in both Alabama and Ohio, Ward has served on many national social work related boards and councils.

His professional and research interests include social services to families, children and youth, mental health, and in program and staff development. Ward said he is enthusiastic about the research capabilities of Portland State's Graduate School of Social Work, citing its nationally known Regional Research Institute for Human Services. Ward also cited the recent state approval of the Ph.D. program and the quality of PSU's faculty as reasons for coming to Portland.

Wilma Sheridan was appointed Acting Dean of the School of Fine and Performing Arts in September 1986. She has been on the Portland State faculty since 1959 and served as Chair of the Department of Music from 1981-86. She earned her bachelor's degree from Willamette University, a Master of Music Education from Lewis & Clark, and her Ph.D. from University of Oregon.

She has published a number of articles in the area of music education, music therapy and music education for handi-



James H. Ward



Wilma Sheridan

capped children. She is a three-time recipient of the MuPhi Epsilon National Award for Community Service in Music Therapy.

The School of Fine and Performing Arts includes departments of Art, Dance, Music and Theater Arts. Following her appointment as Dean, Sheridan said, "There is a great deal of potential in the School of Fine and Performing Arts. We have many talented students and faculty and I'm looking forward to working with them to advance our school and its programs."

Panel to review president

Five former presidents of the Oregon State Board of Higher Education are assisting Chancellor W. T. Lemman in reviewing the performance of PSU President Natale Sicuro.

Reviews of presidents of the state's four-year colleges and universities customarily occur three years following initial employment, then every three years thereafter, according to the chancellor's office. "This review is being initiated a year earlier than is customary because of questions that some have raised about Dr. Sicuro's performance," wrote Chancellor Lemman in a July statement. "The Board, Dr. Sicuro and I agree that it is important to review these questions."

The committee has solicited written and oral comments from PSU faculty, staff and the Portland community. It will be

using, but not be limited to, evaluation criteria set by the Board. This includes academic and administrative leadership and management, and internal and external relationships.

Lemman has asked that the review be completed by Oct. 31 so he can make a recommendation to the Board by its Nov. 18 meeting, but he said he hopes the report will be completed in time for a recommendation during the board's Oct. 21 meeting.

The review committee, which began its evaluation in August, includes Alvin R. Batiste of Portland, a chemical engineer and president and general manager of Waste Systems Ltd. in Portland; Edward C. Harms Jr. of Springfield, a lawyer and former Springfield city attorney; Robert C. Ingalls of Corvallis, retired publisher of the Corvallis *Gazette-Times*; Louis B. Perry of Portland, retired president and member of the board of Standard Insurance Co. in Portland and a former president of Whitman College in Washington state; and James C. Petersen of La Grande, a retired hospital administrator and former La Grande mayor and city council member.

Anderson to head PSU Foundation

Lee Koehn ('73), Foundation Board President, has announced that Professor Emeritus of Education E. Dean Anderson has accepted appointment as Executive Director of the Foundation. Anderson, who served more than 20 years in faculty and administrative posts at PSU, including four months as Acting President in 1974, has taken the Foundation position on a volunteer basis.

Anderson was Assistant to the President at PSU from 1960 to 1971, and Vice President for University Relations from 1971 until his retirement in 1978. During his tenure at Portland State, Anderson participated in the initial organization of the University Foundation.

"We feel very fortunate," Koehn said, "to have a person with Dean Anderson's background and experience and who is so committed to Portland State and the Foundation. The fact that he is volunteering his time certainly indicates the level of that commitment."

Koehn indicated that Foundation directors and Anderson are working to revamp the overall organization of the foundation and to strengthen its fundraising efforts. He said the board has carefully reviewed the entire Attorney General's report which, he said, "contains many points which are very helpful."

The foundation will meet the Attorney General's September 30 deadline to complete its response.

"We are confident," he said, "that we will resolve these immediate problems because we will have the continued help and support of the University's alumni and constituents."

State Board appointments

The State Senate has approved three new appointments named by Gov. Neil Goldschmidt to the Oregon State Board of Higher Education. Appointed to four-year terms were Rob Miller, Salem, and Bob Bailey, The Dalles. Gary Johnston, a student at the Oregon Institute of Technology, was appointed to a two-year term as one of two student representatives. The new board members took office July 1, 1988.

Miller, 43, is owner of Mt. Jefferson Farms and resigned from the state Economic Development Commission to assume this new post. Bailey, 46, was on the Oregon Educational Coordinating Commission from 1983 to 1987 and also served on The Dalles School District 12 board. He is co-owner of Orchard View Farms. Johnston, 21, is a software engineering student and president of the student body at OIT. They replace board members Janet Nelson, James Petersen and Michael Hermens.

Computer Art

(Continued from page 10)

directly from the screen, and then some, herself included, who print out their work on a color slide with the use of an electronic camera.

Barclay, a visual artist for 18 years, has been creating computer art for the last year and a half and she is seeing an enthusiastic response from the art-buying community.

What are people depicting in their computer art? From these pages you can see Young is creating realistic scenes, but she also has created some vibrant abstracts. "Most of my work evolves from images I see when people verbalize concepts like time, gravity, work, birth, death, and dates."

Like many artists, Young has discovered the computer's capability with digital photography. Photos can be recorded into the computer and rearranged at the artist's whimsy.

With all this hardware at Young's fingers she feels a little guilty that she can only troop in her design and art education classes, "knock their socks off," as she puts it, and troop them back out again. Limited lab time can be set up, but with only one computer the art department has a ways to go before it can meet student demand.

Robert Kasal, chair of the art department, sees the usefulness for these computer systems and has been pushing for the hardware for several years. If the machines ever come (Young insists they must), Kasal doesn't want computer study to be an end in itself. "We will incorporate computers where they are useful and where the interest lies," he says. "It is really just a tool, an extremely useful one for our regular students."

And students are learning this very early. Young gives workshops to grade school children who are already very familiar with computers. She is particularly fond of recalling a hands-on computer art lesson she was giving to second and third graders at the Metropolitan Learning Center.

"I had prepared a 15-minute talk, and three or four minutes into it I turned from the terminal and they were fanned

out around the room at their own terminals." The children had already caught on and were excited to start. Young's point is that, from grade school through high school, these kids will become used to creating on a computer. It will become a natural tool for them along with formal art training.

"I still paint," says Young. "The computer hasn't replaced anything; it added on. That's the exciting part." □

Challenge Program

(Continued from page 11)

"One of the reasons the Challenge Program was started," says Tosi, "was because some parents and administrators wanted an option to the advance placement examination. Instead of everything riding on one exam, students would be able to take an actual college level course."

When Caroline R. DeFrang took calculus at Tigard High School it opened up her schedule for other classes at Oregon State University. The micro biology and pre-med senior has not taken math since and was glad "to get it out of the way."

Her Tigard High School instructor, Paul Peck, finds many of his students do not go on in math related fields and take the class to fulfill college science credit. But that's OK with him. The kids in his class want to be there and are motivated to do well.

According to Tosi, surveys of former Challenge students reveal that the students do not take the program to graduate in fewer than four years. "These students are not interested in that," says Tosi. "More students say that it actually gives them time to take some courses that they might not have ordinarily taken, finishing in four years and sometimes more."

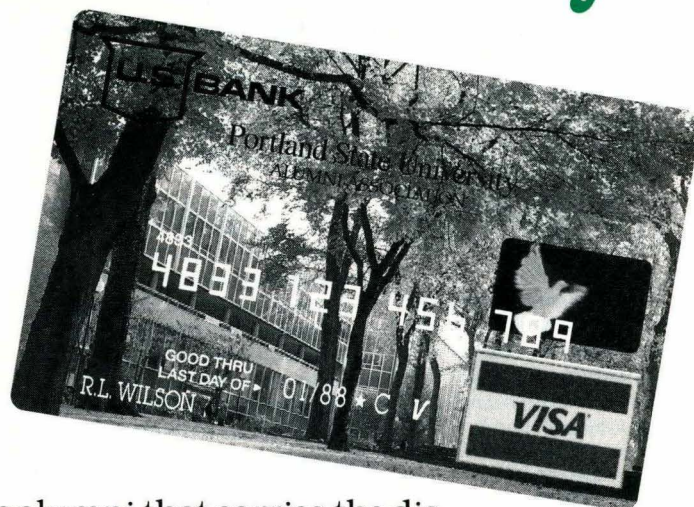
Challenge courses, when compared to most high school courses, explore a subject more thoroughly, take more time, and require more work. According to Pamela Dupasquier, "it's worth it."

For more information about the Challenge Program call Karen Tosi at 464-3430. □

Carry the card you can be proud of...the Portland State University VISA® Card.

When you carry the Portland State University VISA you'll be carrying a card that identifies you as a proud member of the PSU Alumni Association ... proud of Portland State and the quality education it provides.

And, for every member of the alumni that carries the distinctive PSU Classic VISA card, U.S. Bank will pay a royalty to the Portland State University Alumni Association. These vital contributions will be used to provide scholarship support and funding for important projects of the PSU Alumni Association.



Plus, here are additional benefits you'll enjoy when you carry the PSU Alumni* Classic VISA card:

- Low **14.9% ANNUAL PERCENTAGE RATE!**
- **\$10 Annual Membership Fee** Waived For The First Year!
- Acceptance At 5 Million Locations Worldwide!
- Emergency Cash – Worldwide!
- 25-Day Interest Grace Period For Purchase Transactions When Balance Paid In Full Monthly!

- Fixed, Non-Variable Interest Rate!
- Distinctive Alumni Identification!
- Check Cashing Convenience!
- Automated Teller Machine Access!

*To qualify for this special offer you must be a member of the PSU Alumni Association (spouses are included).

To request an application simply call: 1-800-422-8762 (in Portland, call 275-7519).

Portland State University
ALUMNI ASSOCIATION



9/88

ALUM NOTES

Compiled by
Cliff Johnson

Vanport

Hon. Sam K. Cox has again disproved the old adage that there's no such thing as a free lunch. The mayor of Troutdale, Ore., and his wife Nancy took some 50 city employees and guests to their home for lunch June 7. Serving chicken and salads to the municipal crowd carried on a tradition begun some 12 years ago when Mayor Cox was a local city councilor.

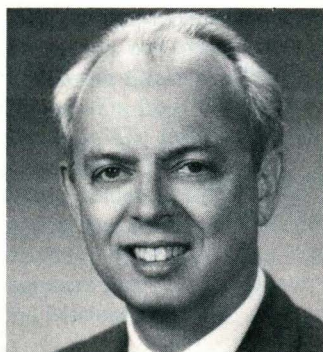
J. Richard Pizzo, assistant vice chancellor for student services in the Oregon State System of Higher Education since 1982, is retiring after 27 years in service to state education. In his recent post, Pizzo had responsibilities for student affairs, financial aid, registration, foreign students, retention, study-abroad programs and residence classification. He will now pursue retirement interests with his family while working part-time as assistant to the Vice Chancellor for Academic Affairs.

'62

Wayne Atteberry (BS), vice president of real estate and finance at Standard Insurance Co., Portland, has been reappointed to the Portland Metropolitan Area Local Government Boundary Commission.

'63

Douglas Forncrook (BS) is the new Trust Group vice president and trust



Douglas Forncrook

administration team leader at U.S. National Bank of Oregon.

Wilbur J. Schick (BS) is retiring as Clackamas County's long-time property agent after 25 years of government service. During his years of mapping rights-of-way for a growing web of public utilities, acquiring land easements and handling property tax foreclosures, Schick has seen Clackamas County grow from a place of small towns and rural living to one of Oregon's leading urban counties.

Dennis West (BA), assistant to the president for economic development at the Oregon Health Sciences University in Portland, has been named vice president on the board of directors of Young Audiences of Oregon.

'64

Robert L. Costi (BS) has been named the new president of the Oregon Coast Community College Service District in Newport, Ore. He was formerly chairman of Portland Community College's Department of Management and Commerce.

Gavin F. Fale (BS), president of Larsen Electronics Inc. in Vancouver, Wash., reports that his firm's donated two-way radio antennas successfully enabled officials to talk with one another Aug. 8-21 as they controlled the complex "Coors Classic Bicycle Race," a series of race events which took place in California, Nevada and Colorado.

'65

Robert Millsap (BS), vice president of the commercial banking division of United States National Bank of Oregon, Portland, has been re-elected to the board of directors of the Portland Opera Association as this year's treasurer.

Bill Schlitt (BS), president and owner of Sanitary Service Co. Inc., Salem, Ore., has received the Distinguished Service Award from the National Solid Wastes Management Association (NSWMA) for his dedication on behalf of the Oregon Sanitary Services Institute and his participation on the National Waste Haulers Council, as well as the NSWMA board of directors.

'66

Robert H. Colfelt (BS), president and chief executive officer of Valley National Bank of Oregon, has been elected secretary and treasurer of the Oregon Bankers Association.

Jerry Joslin (BS), well-known area sculptor and Lake Oswego firefighter, has been commissioned to create a three-foot bronze sculpture honoring the work of Walt Morey, the Wilsonville, Ore., children's author who wrote *Gentle Ben*. The sculpture is scheduled to be placed in the children's section of the new Wilsonville Public Library later this fall.

Marilyn Matteson (BS), public affairs specialist with the Metropolitan Service District, Portland, has been elected 1988-89 board president of the Portland chapter of Women In Communications.

'67

Richard J. Mimnaugh (BS) has been named chairman of the Portland Apparel Association for 1988-89.

Dale Suran (BS), CPA and partner in charge of the Tax Department at Peat Marwick Main & Co., Portland, has been re-elected treasurer of the board of directors for the Oregon Trail chapter of the American Red Cross.

'68

James Boscole (BS) has been named a new sales associate in the Commercial/Investment Division of Stan Wiley Inc., Realtors in Beaverton, Ore. He is the former acting president of Healthway Vitamin Centers in Portland.

Robert Bridgeford (BS), director of the Children's Museum in Portland, was elected secretary of the executive board for the American Association of Youth Museums during the organization's annual convention.

Robert Lipscomb (BS), general manager of marine marketing and sales for the Port of Portland, has been named as a new director of the Columbia-Snake River Marketing Group. The group is composed of area port professionals who promote international trade, regional cooperation, industrial development and tourism.

'69

Harold Bahls (BA), a Portland architect, has joined with Donald B. Genasci Architecture and Urban Design of Eugene, Ore., to compete against 14 other American architectural firms hoping to land a \$24-million contract to design an addition to the American Library of Berlin. The winning firm is scheduled to receive the contract award by late October.

Sho Dozono (MST) has been elected president and chief executive officer of Azumano Travel Service Inc., Portland. He is the former executive vice president of the firm.

Gary Leiser (BA), headquarters historian for the U.S. Logistics Group of U.S. Air Forces in Europe, is the author of *A History of the Seljuks: Ibrahim Kafesoglu's Interpretation and the Resulting Controversy* (Southern Illinois University Press).

D. Stephen Posey (BS), who started his grocery career in Portland as a Safeway bag boy in 1962 and who went on to establish Dick & Steve's Grocery Stores in the greater Vancouver, Wash., area, has recently re-entered Portland's grocery wars as co-owner/manager of the new 130-employee, 54,000-square-foot Food 4 Less warehouse supermarket in Southeast Portland.

'70

Don K. Lloyd (BA) has been elected chief executive officer and president of First Farwest Insurance Co., Portland. Lloyd previously was president and chief operating officer of the company.

Stan Swan (BS), senior buyer for Freightliner Corp. in Portland, has been elected director of national af-

fairs for the Purchasing Management Association of Oregon. He is a former president of the group.

Nancy O. Tang, CPA (BS, '73 MBA), assistant professor of business administration at PSU, has been named president-elect of the American Women's Society of Certified Public Accountants.

Tom Trebelhorn (BS) has signed a contract to return for his third year as manager of the Milwaukee Brewers baseball team for the 1989 season. Trebelhorn guided the Brewers to 91 wins in 1987.

'71

Bessie Marie Williams Fields (BS, '81 MS), associate professor at the University of Alaska-Anchorage's Advising and Counseling Center, is currently participating in a special national-level leadership training program. She will soon join with other new educators to attend a special workshop at Tempe, Ariz., where they will work to enhance the skills needed to assume major decision-making roles in four-year colleges and universities.

Thomas G. Greene (BS, '84 Ed.D.), a curriculum specialist in the North Clackamas School District, has been selected to be the new principal of East Orient School in Gresham, Ore.

Marv Holstein (MS), principal of West Tualatin View Elementary School in the Beaverton School District, will take over as principal at neighboring McKay Elementary School this fall.

Dennis Monaghan (BS, '73 MS) has been appointed head of the retirement practice area for the William M. Mercer-Meidlinger-Hansen consultant firm in Portland.

Alayne Woolsey (BS) is chairwoman of the Oregon City Historic Trails Committee—Independence, Mo. The committee was established in February of this year to promote a relationship with Independence, Mo., in connection with their common heritage, the old Oregon Trail.

'72

Ralph R. Bieker (BS) has been promoted to assistant vice president of the Fred S. James & Co. of Oregon office in Portland. He is a former account executive in the insurance brokerage firm.

Robert Schlegel (MS), principal of Banks High School for the past three years, has been chosen the new principal of nearby Forest Grove High School. Prior to working at Banks, Schlegel spent eight years as an administrator at Lakeridge High School in Lake Oswego, Ore.

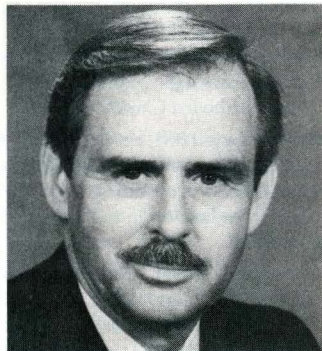
Mark A. Schnoor (BS) has been appointed district sales manager for Oregon at the Portland office of Hawaiian Marine Lines.

Gerrit Schouten (BS) has been appointed vice president and controller of PacifiCorp Credit in Portland. Schouten joined PacifiCorp from Pacific Power and Light Co., Portland.

'73

Daniel E. Ellis (BS) has been named business manager of Creative Media Development Inc. in Portland.

Morton I. Michelson (MS) has been named president of Cascade Steel Rolling Mills Inc., McMinnville, Ore. The former executive vice president and general manager of the steel products firm announced plans to double its production capacity by constructing a \$20-million steel melt shop on the company's 78-acre site.



Floyd Shelton

Floyd Shelton (BS), executive director of the Port of Redwood City in California's San Francisco Bay area, has been named chairman of the World Trade Council of the San

Mateo County Economic Development Association. The group seeks to serve as the county's central clearinghouse for information related to world trade.

Pam Treece (BS), employee health management coordinator for Pacific Power & Light Co., Portland, has been appointed to the Institute of Managerial and Professional Women's volunteer leadership team.

William S. Walker (BS, '80 MPA) has been appointed Director of Administrative Services for the Housing Authority of Portland (HAP). The agency seeks to provide quality low-income housing in the city. Walker has worked for HAP in a variety of positions during the last 14 years.

'74

Adam Davis (BS) is busy dividing his time running two Portland businesses, Decision Sciences, Inc. and Jury Behavior Research, Inc. The latter firm previews tapes of lawyers' and clients' cases before random samples of the general public to see how legal arguments might be received by eventual jurors. By Davis' own count, his other firm has taken on some 400 public opinion or market research projects in the past ten years.

Bev Gladder (MST), principal at Aloha High School, will take a year of developmental leave in the fall to work on her doctorate in educational administration.

John C. Hunger (BS) has been named "Man of the Year for 1988-89" by the Oregon Institute of CPA's, honoring his extensive leadership, contributions and volunteer work locally and nationally on behalf of his profession, as well as for his involvement in community affairs. Hunger has operated a CPA practice in Tigard, Ore., for the past nine years.

Nicholas Knapp (BS), director of the Milwaukie, Ore., non-profit housing agency called Northwest Housing Alternatives, reports that his organization is building a 144-unit apartment project in Wilsonville, Ore. and then leasing the complex to Clackamas County. When completed next spring, Knapp says it will be the largest non-profit housing project yet in the county.

Vicki Lee (MS) is busy serving as legal administrator in her husband's Vancouver, Wash., law firm, as well as minding the clothing store and import business she owns in the same city. In her "spare time," she continues working toward her doctoral degree in urban studies at PSU.

James A. Mallett (BS) has been promoted to vice president of the United States National Bank of Oregon's Trust Department in Portland.

Steven T. Roussos (BS) has been appointed as vice president of Systems N.W., a distributor of office copiers headquartered in Lake Oswego, Ore.

John Wardin (BS), who has operated the Gateway Ford dealership with his brother in Newberg, Ore., for the past 15 years, has broken ground on a new, \$1.2-million dealership site scheduled to open in November. The new dealership, to be called Newberg Ford, replaces the old agency which was destroyed by fire last December.

Rev. Thomas Wolbrecht (MS) has been named associate executive director for recruitment and development at Lutheran High School and Portland Lutheran Elementary School. Both schools are housed in the same building in Gresham, Ore. Rev. Wolbrecht has been teaching religion and psychology at Concordia College in Portland while working on his doctorate in educational administration at PSU.

Gretchen Yost (MS), past president of the Association for Retarded Citizens of Multnomah County, has been named to the association's 1988-89 board of directors.

'75

Martha J. Bianco (BS), a Ph.D. candidate in urban studies at PSU, has won a \$2,500 scholarship from *The Oregonian* newspaper, named in memory of Michael J. Frey, former president and publisher. Ms. Bianco is the daughter of Joseph R. Bianco, the paper's director of special projects. Her career plans include university teaching as well as education research and publishing.

Mark Gardiner (BS) has been named vice president/finance on the Oregon Symphony board of directors for the 1988-89 season. He is senior vice president of Government Finance Associates in Portland.

Mark Hilditch (BS) is the new associate pastor at Community Presbyterian Church in The Woodlands, Texas. He received a Master of Divinity degree in June from San Francisco Theological Seminary in San Anselmo, Calif.

Wendy Lane (BS), vice president of Whitman Advertising and Public Relations in Portland, has been elected to the Washington County Historical Society board of directors. Several of her firm's clients are businesses in the Sunset Corridor and Washington County.

Gene Leo, Jr. (BS) has been elected vice president of the Portland/Oregon Visitors Association. He is executive manager of the Portland Rose Festival Association.

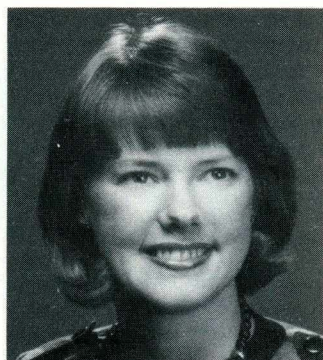
'76

James S. Andrews (BA, '81 MBA) has joined the Portland office of the Piper, Jaffray & Hopwood Inc. investment firm as an investment executive.

Peter Behr (MBA) has joined National Mortgage Co., Portland, as loan officer. Behr, formerly with Standard Insurance Co., will be responsible for expanding the company's small loans program in amounts ranging from \$150,000 to \$500,000.

Ken Bostwick (BS), vice president and area manager of the Canby Union branch of First Interstate Bank of Oregon, has been elected vice president of the board of directors of the Clackamas Community College Foundation.

Carol Van Natta (BA), who has been working as a development officer at the University of Missouri -



Carol Van Natta

Kansas City, has received an Arthur Mag Fellowship at the university. She will use the \$10,000 stipend and tuition benefits to study the management of non-profit organizations.

'77

George Brant, DMD (BS), and **John Colasurdo, DMD** ('78 BS), Portland-area dentists, have been elected vice president and editor, respectively, of the Multnomah Dental Society for 1988-89.

Carolyn Leonard (BS, '79 MS) has been reappointed to the Oregon State Commission on Black Affairs. She is the multi-cultural/multi-ethnic education coordinator for Portland Public Schools. Jacquelyn Harrell, director of affirmative action programs at PSU, is a recent commission appointee. The eleven-member commission monitors existing programs and legislation concerning black Americans.

'78

Hugh W. Anderson (BS) has been named manager of the U.S. National Bank branch in Banks, Ore. He was formerly a loan officer at the bank's West Slope branch near Portland.

Brad Fritts (MS), principal at Chehalem Elementary School in Beaverton, Ore., has accepted a teaching position in Vienna, Austria, at the American International School.

Dr. John E. Garwood (MS) has joined the core faculty of Pacific University's Oregon Graduate School of Professional Psychology in Forest Grove, Ore. He has been working as a psychologist with the Clackamas County Mental Health Center.

Det. Garry Sandell (BS) is a member of a special Portland Police Bureau team of six detectives which keeps tracking known or likely offenders with the goal of photographing and catching them as they actually commit their next crimes. In its past two years of work, the team has recovered some \$1-million in stolen goods alone. Lengthy stake-outs, unmarked cars, plain clothes and concealed weapons are used by team members against those suspected of being the city's most serious criminals: burglars, rapists, robbers and killers.

'79

Ann Clarke (MA), an architectural historian and author, has been appointed to the State Advisory Committee on Historic Preservation. The nine-member committee reviews sites in Oregon nominated for the National Register of Historic Places. From 1980-84, Clarke was a part-time instructor in history at PSU.

Janice Cram (BA), director of counseling and information for the American SIDS Institute (Sudden Infant Death Syndrome) in Portland, has received the Order of the Pearl Award from Kappa Delta Sorority. The award is given to alumnae for their contributions to society.

Timothy A. Hart (BS) has been elected president of the Portland Life Underwriters Association Inc.

Paul Meyer-Strom, M.D. (BA) has completed his residency in child psychiatry at the Karl Menninger School of Psychiatry & Mental Health Sciences. He will direct the Children's Unit at CPC Cedar Hills Hospital in Portland.

'80

Karen Blomquist (MBA) has been hired by the Portland firm of Capital Consultants Inc. as vice president of real estate for Oregon, Washington, Idaho and Alaska markets. She is a real estate broker, certified property manager, and is president-elect of the Columbia River chapter of the Institute of Real Estate Management.

Rev. Fredrick C. Kane (BS) is the new pastor of the United Methodist Church in Madras, Ore. He is the former associate pastor at First United Methodist Church in Eugene.

Mike Kinne (BS) and three other partners have formed System Design Consultants, a consulting engineering firm located in downtown Portland.

Constance Taylor (BS) has been elected corporate secretary of Riedel Environmental Technologies Inc. in Portland. For the past two years, she has held management positions at both the regional and corporate levels of the company.

'81

Sandijeon Fuson (BS) has opened a law practice in downtown Portland, specializing in the entertainment industry.

David Hagen, M.D. (BS) has joined the practice of two other physicians in his native Camas, Wash. A graduate of the University of Washington Medical School in 1985, Dr. Hagen completed his three-year family practice residency this June at Tacoma General Hospital, Tacoma, Wash.

Mark A. Hokkanen (BS), a swimming coach and clinician, has been promoted to coordinator/supervisor of the Mount Hood Community College Aquatic Center in Gresham, Ore.

Robert Niehaus (BS) has been named sales manager of the Portland office of Coldwell Banker Commercial Group, Inc. Niehaus joined the company in 1980. For the past five years, he has specialized in industrial sales and leasing projects in the metro area's west side.

Susan Swartzel (BS) has been awarded her certificate to practice as a certified public accountant by the Oregon State Board of Accountancy.

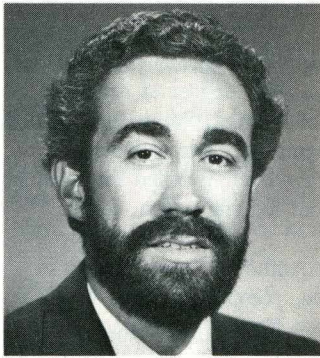
Leonard Vuylsteke, CPA (BS) has been appointed controller for the Portland Public Schools. He joined the district in 1984 as finance and audit supervisor after serving as senior accountant for the Coopers & Lybrand CPA firm.

Stephen R. Vuylsteke (BS) has succeeded his father, Ronald G. Vuylsteke, as chief executive officer of Oak Knoll Winery, Hillsboro, Ore.

'82

Frederick S. Bartlow (MS) has received the Doctor of Osteopathy degree from the Philadelphia College of Osteopathic Medicine. He will next serve a family practice internship at Eglin Air Force Base in Florida.

Gordon Canzler, M.D. (BS) has begun practicing medicine at the office of Dr. G. Alan Fisher in Gresham, Ore. Dr. Canzler is a family practice physician who recently completed his residency at Emanuel Hospital & Health Center in Portland.



Richard H. Carson

Richard H. Carson (BS) has been named director of planning and development for the Metropolitan Service District in Portland. He is a former senior policy analyst with the Oregon Department of Economic Development.

Sara Cogan (MPA), associate director of the new Oregon Trade and Marketing Center Inc., Portland, has been elected vice president for communications in the Democratic Business Forum for 1988-89. **Matthias Kemeny** ('73 BS), president of Color & Design Inc. of Portland, has been elected as the group's vice president for membership.

Jane Heisler (BS, '85 MUP) has begun work in the City of Lake Oswego's advanced planning division. She came to the city from nearby Milwaukie, Ore., where she had held the same position for the past two years.

Barbara "B.J." Seymour (MA) of the English and Sociology Departments at Pacific University, Forest Grove, Ore., was appointed as an adjunct faculty member this summer at Southern Oregon State College in Ashland. She led the Shakespeare discussions during the 31st annual summer program of the Great Books Shakespearean Festival there.

'83

Anita J. McClain (Ed.D.) has been promoted to associate professor of education at Pacific University, Forest Grove, Ore.

Christine Meadows (BA) has enjoyed a busy summer while performing singing roles with the New York Opera. Next, she has her professional sights set on performing with the San Francisco Opera and The Met.

Rainer Moehring (BS) reports that he has purchased a home and is working at Boeing Aerospace in Kent, Wash., where he is designing sophisticated electronics applications like embedded real-time software development and performing board-level hardware checkout and debugging.

'84

Jeff Bettinelli (BS), **Julie Bussing** ('85 BS), **Peter Coons** ('86 BS), **Vicki Roberts** ('86 BS) and **Bob Robertson** ('86 BS) have each been promoted to general practice seniors at the Portland office of the Coopers & Lybrand Inc. international accounting and consulting firm.

Jayne Bruno (BA), director of the Beaverton Arts Commission, has been elected vice president for professional development.

Robert Edmiston (BS) has been named a rating officer in the Municipal Finance Department of Standard & Poor's Corp. in New York City. He also reports that he has been accepted as a student in New York University's Graduate School of Business Administration.

Christine L. Hess-Maple (BS) has begun serving as a clerk for Justice Burk of the Alaska Supreme Court in Anchorage. She graduated with honors from the University of Puget Sound School of Law last December. More recently, she served as co-director of the law school's Academic Resource Center.

Robin Kiyokawa (MBA) has joined the Griggs-Anderson Research's team of analysts at the firm's Portland office. He is a former senior marketing research analyst at Tektronix Inc. in Wilsonville, Ore.

Kimberly Mick (BS) has joined the staff of Nygaard, Mims & Hoffman PC, certified public accountants in Portland. She was formerly with Touche Ross & Co., CPAs in Portland.

Roger M. Molatore (BS) recently joined the Portland office of Smith Barney, Harris Upham & Co. as account executive. He was previously an account executive with Dean Witter Reynolds in Portland.

Bob Staab (BS) has been named business manager for KEX (1190 AM) and KKRZ ("Z-100" FM) radio stations in Portland.

'85

Larry Audet (MS), formerly assistant principal at Myrtle Point High School in Coos County, Ore., is the new principal at Warrenton High School near Astoria, Ore.

'86

Teresa Brandon (MS), community relations coordinator at Beaverton High School, will serve as acting vice principal this coming school year at nearby Aloha High School.

Terry Dion (MSW) has joined the staff of Pacific Gateway Hospital in Portland's Sellwood area as a unit social worker for the adult treatment program. She was formerly with Multnomah County Senior Services.

Jean Drevdahl (MST), a safety supervisor for Northwest Natural Gas Co., has been elected first vice president of the American Society of Safety Engineers.

Joanne Fuller (MSW), director of the Women's Resource Center at the Portland YWCA, has been selected as the first director of the Multnomah County Office of Women's Transition Services.

James C. Gaither (BS) was one of 14 new members of the Portland Police Bureau to be sworn in July 14. The ceremony was the Bureau's first since April 23, 1987, when seven persons were brought onto the force.

Jan Jaqua (MS), current president-elect of the Portland Council of the International Reading Association with some 800 members from schools throughout the metropolitan area, will begin serving as the organization's president this November, leading her group's continuing efforts to foster good reading instruction in area schools.

Dan Murray (BS) has been working for Kentrox Industries in Beaverton, Ore., as a design engineer since his graduation from PSU. He reports he is currently designing software and hardware for the firm's line of telecommunications products.

Dixon Spear (BS) has joined the professional staff at Babicky Venne Bunce and Parker, CPAs and business consultants in Portland.

Karen Taylor-Goodrich (BS) is the new supervisory park ranger at Cumberland Island National Seashore in St. Marys, Ga.

Neil Woller (MS), senior geologist with Pinnacle Geotechnical Services Ltd., saw his firm honored in May as one of the Portland Metropolitan Chamber of Commerce's ten fastest-growing companies for 1987. The firm, which serves the geothermal and hazardous waste industries with consulting and design services, doubled its staff and had a sales increase of 313 percent last year.

'87

Lawrence Bauer (BS) was elected Metropolitan Service District Councilor, Position 2, following the May 17, 1988 Oregon primary election.

Teddi Duling (BS) has been appointed administrative assistant for the new Oregon Trade and Marketing Center Inc. in Portland. The center is designed to develop and promote a statewide marketing strategy for Oregon corporations seeking to export goods and services, and to work with international corporations interested in Oregon products and business opportunities.

In Memoriam

Kurt D. Wilmarth ('82 BS, '86 MST), an assistant football coach at Portland's Jefferson High School for the past five years, died of cancer July 7 in a Milwaukie, Ore., hospital. He was 28. Once voted Most Inspirational Player on the PSU football team, Wilmarth was diagnosed with cancer in late December after a tumor was found on his left hand. The coach was well-known for his involvement with the Fellowship of Christian Athletes in which he took hundreds of youngsters to the coast for annual retreats. The 1987-88 Jefferson High graduating class voted Wilmarth the Teacher of the Year. Survivors include his wife, parents, grandparents, two sisters and a brother. The family suggests remembrances be contributions to the Fellowship of Christian Athletes or to the Jefferson High School weight training room.

Spikers eye national title

After winning national championships in 1984 and 1985, the Portland State volleyball program faced a tough task: rebuilding. Two years later, it appears that task is nearly completed.

In 1986 Coach Jeff Mozzochi fielded a team that, at times, started three freshmen and compiled a solid 20-16 record. Last season Portland State was better. Despite an injury to Cathy Kuntz, a starter on the '85 NCAA championship squad, and a late-season injury suffered by Shelly Rumberger, the Vikings finished 24-15 and were ninth in the NCAA II. After four years as head coach, Mozzochi is 113-40, a .739 winning percentage.

As the 1988 season dawns, the Vikings are again ready to challenge for the NCAA title. Four players standing six feet tall and led by All-Region star Jenny Norlin, will be joined by the 5'9" Kuntz and setter Patty Lopez.

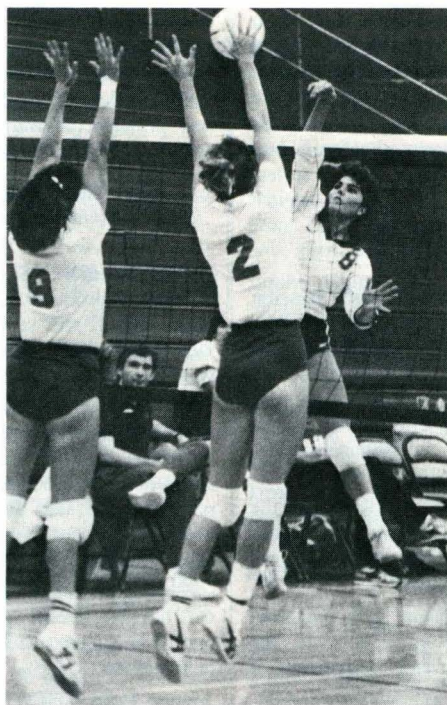
Outside hitter Rumberger also returns. Her ankle injury forced her to miss the end of last season and PSU's trip to the Regionals. Rumberger will be joined by 6'2" Kari Kickler and 6'1" Maria Rickman in middle blocker roles. Rumberger and Norlin are both 6'.

Three talented freshmen have been added to the squad. Dawn Krenik is a 5'7" setter from Agoura Hills, Calif.; Miki Derrick is a first team all-stater from Pendleton; and Shannon Thordarson is a 5'11" outside hitter from Seattle. Both Krenik and Thordarson were voted the Most Valuable Players of their leagues.

1988 Volleyball

Home games

Oct. 4 George Fox College, 7:30 p.m.
Oct. 7 Western Oregon, 7:30 p.m.
Oct. 18 Lewis and Clark, 7:30 p.m.
Oct. 19 University of Portland, 7:30 p.m.
Nov. 2 Oregon State, 7:30 p.m.
Nov. 13 Gonzaga, noon



PSU Volleyball team is ready to win.

At the Olympics

Portland State can claim a mother's pride as the world's attention is turned to the 1988 Summer Olympics. Among the nations' best, are three athletes with PSU beginnings.

Fencer Robert Marx ('79), is competing in individual and team epee as his brother, Michael, competes in foil. Trainer for the U.S. team is former PSU coach Yves Auriol, who also coached the brothers in the 1984 Olympic games.

When not at the Olympics, Auriol is at Notre Dame where he is head fencing coach and where Michael Marx serves as

assistant coach. Michael is pursuing his physical education degree at nearby University of Indiana, South Bend. Robert Marx, a chemist at Optical Data in Beaverton, has been coached this year by PSU's current fencing coach, Regis Mantzer.

Wrestler Anthony Amato is also in Seoul, Korea, competing in the 125.5 pound, Greco Roman category.

"He is right there as far as winning a medal," says PSU Coach Marlin Grahn. Amato won the NCAA Division II Championship in 1984 and was runner up in 1985 under Grahn. This last year he took fourth in the World Championships, missing by a "couple of close matches," says Grahn.

On a two year hiatus from his studies at PSU, Amato has been serving as an assistant coach to Grahn while training and competing. He will be returning to school winter term.

Cable carries Vikings

Portland State football is getting unprecedented television exposure this season. Every home game and at least one road game is being shown at 8 p.m. Wednesday and Friday on four local cable systems — TCI Cable, Rogers Cable TV, Columbia Cable and Willamette Cable TV.

The media blitz has everything to do with the team's favored rating for the 1988 NCAA Division II title. Football Digest ranked PSU No. 1 in its pre-season poll. The team has made a strong showing in the opening season games and more is expected from "the best recruiting class in Portland State history," says Coach Pokey Allen, as well as the team's 16 returning starters.

The Vikings posted an 11-2-1 record last season, losing to Troy State in the Division II national championship game at Florence, Ala.

Performing Arts

Chamber Music

8 pm, Lincoln Hall Aud.; 464-4440.

Oct. 3,4 The Fine Arts Quartet

Nov. 14,15 Chilingarian String Quartet

Piano Series

4 pm, Lincoln Hall Aud. \$10/\$8.50/\$6/\$3; 464-4440.

Oct. 16 Grant Johannesen

Contemporary Dance

8 pm, Lincoln Hall Aud. \$10/\$8/\$6; 464-4440.

Sept. 30, Contraband

Oct. 1

Oct. 11,12 Nikolais Dance Theatre

Guitar Series

8 pm, Lincoln Hall Aud. \$7.50/\$4; 464-4440.

Oct. 15 David Starobin

Theater Arts

8 pm, Lincoln Hall; 464-4440

Nov. 2-5, "The Electra Project" (Aud.)
9-12

Nov. 15-19 New Plays: "The Intimacy Tape" (room 115, Studio Theater)

Concerts

Lincoln Hall Aud.

Nov. 6 Trio Viento, 8 pm

Nov. 13 PSU Band, 8 pm

Nov. 16 PSU Band, Noon

Nov. 17 PSU Orchestra, Noon
PSU Orchestra, 7:30 pm

Nov. 20 PSU & Mt. Hood Community College Orchestras, 4 pm

Nov. 23 PSU Band, Noon

Dec. 1 Jazz Lab Band, Noon

Dec. 2 Chamber & University Choirs, 8 pm

Dec. 4 Florestan Trio

Dec. 9 PSU Orchestra

(For confirmation, details call 464-3105)

Brown Bag Concerts

Noon, Smith Center Commons, Free

Oct. 4 Jan Deweese, mandolin

Oct. 11 Columbia Saxophone Quintet

Oct. 18 Bryan Johanson, guitar;
Marilyn Shotola, flute; Judy Schiff, piano

Oct. 25 Patrick Loomis, piano

Oct. 27 PSU Music Students

Nov. 1 Portland Opera Orchestra
Woodwind Octet

Nov. 3 PSU Music Students

Nov. 8 Randall Vemer, viola

Nov. 10 PSU Chamber Choir

Nov. 15 Concord Choir

Nov. 17 PSU Orchestra (in LH Aud.)

Nov. 22 PSU Symphonic Band

Nov. 29 Dale Van Wormer, harp-style
classical guitar

Dec. 1 PSU Jazz Lab Band (in LH Aud.)

In Concert

8 pm, Smith Ballroom. \$8 gen'l

Oct. 8 Casselberry & DuPree plus
Marga Gomez

Special Events

Women's Studies Conference

Call 464-3516 for info, 464-4812 to register.

Oct. 7-9 "Joining at the Crossroads:
Women's Thoughts, Actions
and Community"

Coffee House/Poetry

8-11 pm. Call 464-3516 for details.

Oct. 7 Paula Gunn Allen, Bell
Hooks, Ursula Le Guin, Mitsuye Yamada, etc.

Lectures

International Studies

Wednesdays at Noon, 53 Cramer Hall,
Free. The focus is on Canada.

Visiting Scholars

Call 464-4928 for dates, times.

Charles Rowan Beye, City
University, New York Robert
Lamberton, Princeton Univ.
Timothy Reiss, New York
University

Visual Arts

Littman Gallery

12-4 pm, 250 Smith Center, Free.

Thru "Dreams, Fantasy, Vision,"
Oct. 10 work by northwest women
artists (reception Oct. 6, 5-7
pm)

Oct. 17- Leslie DeSart, fiber & paper
Nov. 11 (reception Oct. 20, 5-7 pm)

Nov. 14- PSU Faculty exhibit (recep-
Dec. 9 tion Nov. 17, 5-7 pm)

White Gallery

8 am-10 pm weekdays, 2nd floor Smith

Thru "Painted Rocks", photos
Oct. 10 by Terri Warpinski

Oct. 17- Barry Peril, Bend photogra-
Nov. 11 pher (reception Oct. 20, 5-7
pm)

Nov. 14- Scott Weston, photos
Dec. 9 (reception Nov. 17, 5-7 pm)

Sports

Viking Football

Civic Stadium. Call 464-4000. (* in-
dicates Western Football Conference.)

Sept. 17 Cal Poly*, 7 pm

Sept. 24 Texas A & I, 1 pm

Oct. 1 Santa Clara*, 7 pm

Oct. 8 Indiana-Pennsylvania, 1 pm

Oct. 22 Southern Utah State*, 7 pm

Nov. 12 Univ. of Montana, 1 pm

Campus Notes

Nov. 11 Veteran's Day. University
closed.

Nov. 24- Thanksgiving Holiday.
27 University closed.

CAMPUS QUOTE

“The university is the guardian of
our heritage, the teacher of our
teachers. It’s the dwelling place of
the free mind.”

Adlai E. Stevenson
at Columbia University
June 1954

PSU
MAGAZINE

P.O. Box 751
Portland, OR
97207

ADDRESS
CORRECTION
REQUESTED

Non-Profit Organization
U.S. Postage
PAID
Portland, OR
Permit No. 770